

Db 17 GTGCTCTGCTCTG 3

RESULT 163
US-09-286-407-9
Sequence 9, Application US/09286407A
Patent No. 6185788
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric B.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0349
CURRENT APPLICATION NUMBER: US/09/286,407A
CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-286-407-9

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGCTCC 1005
Db 3 TCTGCCACGGCTCC 17

RESULT 164
US-09-075-717A-6/C
Sequence 6, Application US/09075717A
Patent No. 6174869
GENERAL INFORMATION:
APPLICANT: Barrett, Graham L.
TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/075,717A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/633,792
FILING DATE: 01-JUL-1996
APPLICATION NUMBER: AU PM/1870
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516)742-4343
TELEFAX: (516)742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"
US-09-075-717A-6

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 347 TGTACAGGAGTCCA 361
Db 17 TGTACAGGAGTCCA 3

RESULT 165
US-09-496-694B-18
Sequence 18, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-496-694B-18

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGCTCC 1005
Db 3 TCTGCCACGGCTCC 17

RESULT 166
US-09-496-694B-56
Sequence 56, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 58
LENGTH: 18

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-58

```

Query Match	0.9%	Score 13.4	DB 1	Length 18
Best Local Similarity	93.3%	Pred. No. 1.8e+02		
Matches 14; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

Qy	991	TTTGCCACGGGTC	1005
Db	3	TCTGCCACGGGTC	17

```

RESULT 167
US-09-920-760-20
; Sequence 20, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RIS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-20

```

```
Query Match      0.9%; Score 13.4; DB 1; Length 18;
Beat Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY	758	GGATCCACCTCGTGG	772
Db	1	GGGTCACCTCGTGG	15

```

1      RESULT 168
2      US-08-486-408-17/c
3      ; Sequence 17, Application US/08486408
4      ; Patent No. 5716846
5      ; GENERAL INFORMATION:
6      ; APPLICANT: Brown, Steven Joel
7      ; APPLICANT: Dattagupta, Nanibhushan
8      ; APPLICANT: Naidu, Yathi M.
9      ; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
10     ; TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN
11     ; TITLE OF INVENTION: mRNA
12     ; NUMBER OF SEQUENCES: 19
13     ; CORRESPONDENCE ADDRESS:
14     ; ADDRESSEE: Gen-Probe Incorporated
15     ; STREET: 9680 Campus Point Drive
16     ; CITY: San Diego
17     ; STATE: CA
18     ; COUNTRY: USA
19     ; ZIP: 92121
20     ; COMPUTER READABLE FORM:
21     ; MEDIUM TYPE: Diskette
22     ; COMPUTER: IBM Compatible
23     ; OPERATING SYSTEM: DOS
24     ; SOFTWARE: PasteSeq Version 1.5
25     ; CURRENT APPLICATION DATA:
26     ; APPLICATION NUMBER: US/08/486,408
27     ; FILING DATE: 07-JUN-1995
28     ; CLASSIFICATION: 435
29     ; PRIOR APPLICATION DATA:
30     ; APPLICATION NUMBER:

```

? FILING DATE:
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Fishert, Carlos A
 ? REGISTRATION NUMBER: 36,510
 ? REFERENCE/DOCKET NUMBER: CB1009
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: 619-555-2807
 ? TELEFAX: 619-546-7929
 ? TELEX:
 ? INFORMATION FOR SEQ ID NO: 17:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 19 base pairs
 ? TYPE: nucleic acid
 ? STRANDEDNESS: single
 ? TOPOLOGY: linear
 ?

Query Match	0.9%	Score 13.4;	DB 1;	Length 19;
Best Local Similarity	93.3%	Pred. No. 2.1e+02;		
Matches 14; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

Qy	211	CCAGTAGCCTGTCC	225
Db	17	CCATTAGCCTGTCC	3

RESULT 169
 US-08-582-539-19/c
 Sequence 19, Application US/08582539
 Patent No. 5733732
 GENERAL INFORMATION:
 APPLICANT: Campbell, Kevin P., et al.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING PRIMARY
 TITLE OF INVENTION: ADHMLINOPATHY
 NUMBER OF SEQUENCES: 32
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Kevin M. Farrell
 STREET: P.O. Box 999
 CITY: York Harbor
 STATE: ME
 COUNTRY: USA
 ZIP: 03911
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/582,539
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Farrell, Kevin M.
 REGISTRATION NUMBER: 35,505
 REFERENCE/DOCKET NUMBER: UIF-9501
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 207-363-0558
 TELEFAX: 207-363-0528
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULAR TYPE: DNA (genomic)
 US-08-582-539-19

Query Match	0.9†	Score 13.4†	DB 1†	Length 19†
Best Local Similarity	93.3†	Pred. No. 2.1e+02†		
Matches 14†	Conservative 0†	Mismatches 1†	Indels 0†	Gaps 0†
OY	225	CTTCAACATGCGAA	239	

QY 225 CTTCACATGTGAA 239

Db 17 CTTGAGCATGTGGAA 3

RESULT 170

US-08-975-570-17/c

Sequence 17, Application US/08975570

Patent No. 5945336

GENERAL INFORMATION:

APPLICANT: Brown, Steven Joel

APPLICANT: Datasupta, Nanihushan

APPLICANT: Naidu, Yachi M

TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR

TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESSES:

ADDRESSER: Gen-Probe Incorporated

STREET: 9880 Campus Point Drive

CITY: San Diego

STATE: CA

COUNTRY: USA

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/975,570

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/486,408

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A

REGISTRATION NUMBER: 36,510

REFERENCE/DOCKET NUMBER: CB1009

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-535-2807

TELEFAX: 619-546-7929

TELEX:

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-975-570-17

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGTAGCCTGTCC 225

Db 17 CCCATTAGCCTGTCC 3

RESULT 171

US-09-422-978-4832/c

Sequence 4832, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Blumenfeld, Marla

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

PCT-US95-04910-6

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 660 CATGTTCCCTTCAA 674

Db 19 CATTTCCTTCAA 5

RESULT 172

PCT-US95-04910-6

Sequence 6, Application PC/TUS9504910

GENERAL INFORMATION:

APPLICANT: The Government of the United

APPLICANT: States of America as represented

APPLICANT: by the Secretary, Department of

TITLE OF INVENTION: ISOLATION AND

TITLE OF INVENTION: CHARACTERIZATION OF A NOVEL PRIMATE T-CELL

TITLE OF INVENTION: LYMPHOTROPIC VIRUS AND THE USE OF THIS VIRUS

TITLE OF INVENTION: OR COMPONENTS THEREOF IN DIAGNOSTIC ASSAYS

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESSES:

ADDRESSER: MORGAN & FINNIGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04910

FILING DATE: 21-APR-1995

PRIOR APPLICATION NUMBER: US08/231,526

APPLICATION DATE: 22-APR-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: WILLIAM S. PRILLER

REGISTRATION NUMBER: 26,728

REFERENCE/DOCKET NUMBER: 2026-4125PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

TELEX: 421792

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US95-04910-6

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 284 TCATGAACCCGAGCG 298
DB 1 TCATGAACCCGAGCTG 15

RESULT 173
US-08-152-313-63

Sequence 63, Application US/08152313
Patent No. 5561041

GENERAL INFORMATION:

APPLICANT: Sidransky, David

TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Spensley Horn Judas & Lubitz

STREET: 1880 Century Park East, Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/152,313

FILING DATE: 12-NOV-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,

REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 63:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..18

US-08-152-313-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGAACCTGAAGCTCAT 542
DB 1 CATGAACCTGAAGCCCAT 18

RESULT 174
US-08-579-223-63

Sequence 63, Application US/08579223
Patent No. 5726019

GENERAL INFORMATION:

APPLICANT: Sidransky, David

TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Spensley Horn Judas & Lubitz

STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/579,223

FILING DATE: 28-DEC-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/152,313

FILING DATE: 12-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr., Ph.D., John R.,

REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 63:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..18

US-08-579-223-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGAACCTGAAGCTCAT 542
DB 1 CATGAACCTGAAGCCCAT 18

RESULT 175
US-08-763-502-10/C

Sequence 10, Application US/08763502
Patent No. 5763184

GENERAL INFORMATION:

APPLICANT: Reynolds, Rebecca L.

TITLE OF INVENTION: Nucleotide Sequence Variation in the ABO

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/763,502

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-763-502-10

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGAGTCATGTGGGCT 616
DB 18 GTGCATCATATGAGCT 1

RESULT 176
US-08-181-664-49
Sequence 49, Application US/08181664
Patent No. 6025127
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-3055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-181-664-49

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 525 CATGACCTGAGCTCAT 542

DB 1 CATGACCTGAGCCCAT 18

RESULT 177
US-08-722-240-7
Sequence 7, Application US/08722240
Patent No. 6083905
GENERAL INFORMATION:
APPLICANT: Voorberg, Johannes Jacobus,
APPLICANT: van Mourik, Jan Aart
TITLE OF INVENTION: Method and means for detecting and treating
TITLE OF INVENTION: disorders in the blood coagulation cascade
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Michaelson & Wallace
STREET: 328 Newman Springs Road, P.O. Box 8489
CITY: Red Bank
STATE: New Jersey
ZIP: 07701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
COMPUTER: HP Vectra XV
OPERATING SYSTEM: Windows NT 4 Workstation
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,240
FILING DATE: January 27, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Michaelson, Peter L.
REGISTRATION NUMBER: 30090
REFERENCE/DOCKET NUMBER: Stichting-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732) 530-6571
TELEFAX: (732) 530-6584
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-722-240-7

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAGGATCCCC 960
DB 1 GTGTTGAGGTATATCC 18

RESULT 178
US-08-722-240-31
Sequence 31, Application US/08722240
Patent No. 6083905
GENERAL INFORMATION:
APPLICANT: Voorberg, Johannes Jacobus,
APPLICANT: van Mourik, Jan Aart
TITLE OF INVENTION: Method and means for detecting and treating
TITLE OF INVENTION: disorders in the blood coagulation cascade
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Michaelson & Wallace
STREET: 328 Newman Springs Road, P.O. Box 8489
CITY: Red Bank
STATE: New Jersey
ZIP: 07701
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
COMPUTER: HP Vectra XU
OPERATING SYSTEM: Windows NT 4 Workstation
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,240
FILING DATE: January 27, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Michaelson, Peter L.
REGISTRATION NUMBER: 30090
REFERENCE/DOCKET NUMBER: Stichting-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732) 530-6671
TELEFAX: (732) 530-6584
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-722-240-31

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCCCC 960

Db 1 GTGTTGAAGGTATATATCC 18

RESULT 179
US-09-205-143-17/c
Sequence 17, Application US/09205143
Patent No. 6107091
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
FILE REFERENCE: RTS-0032
CURRENT APPLICATION NUMBER: US/09/205,143
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-17

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGAAGCATGACGATCC 763

Db 18 AGGAGATCAACGATCC 1

RESULT 180
US-08-390-353A-20/c
Sequence 20, Application US/08390353A
Patent No. 6107457
GENERAL INFORMATION:
APPLICANT: Arlinghaus, Ralph B.
APPLICANT: Liu, Jiaxin
APPLICANT: Lopez-Berestein, Gabriel
TITLE OF INVENTION: Bcr-Abl Directed Compositions and Uses for
Regulating Philadelphia Chromosome Stimulated
TITLE OF INVENTION: Cell Activity

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,353A
FILING DATE: 16-FEB-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSC:421/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-390-353A-20

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTCGGCGGATGAT 512

Db 18 GGATGTCGGGATGAT 1

RESULT 181
US-08-390-353A-21
Sequence 21, Application US/08390353A
Patent No. 6107457
GENERAL INFORMATION:
APPLICANT: Arlinghaus, Ralph B.
APPLICANT: Liu, Jiaxin
APPLICANT: Lopez-Berestein, Gabriel
TITLE OF INVENTION: Bcr-Abl Directed Compositions and Uses for
Regulating Philadelphia Chromosome Stimulated
TITLE OF INVENTION: Cell Activity
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,353A
FILING DATE: 16-FEB-1995
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSC:421/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-390-353A-21

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 182
US-09-101-059-20/C
Sequence 20, Application US/09101059
Patent No. 6537804
GENERAL INFORMATION:
APPLICANT: ARLINGHAUS, RALPH B.
APPLICANT: LIU, JIAXIN
APPLICANT: LOPEZ-BERESTEIN, GABRIEL
TITLE OF INVENTION: BCR-ABL DIRECTED COMPOSITIONS AND USES FOR INHIBITING
TITLE OF INVENTION: PHILADELPHIA CHROMOSOME STIMULATED CELL GROWTH
FILE REFERENCE: UTXC:488
CURRENT APPLICATION NUMBER: US/09/101,059
CURRENT FILING DATE: 1999-06-21
PRIOR APPLICATION NUMBER: 08/390,353
PRIOR FILING DATE: 1995-02-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-101-059-20

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 183
US-09-101-059-21
Sequence 21, Application US/09101059
Patent No. 6537804
GENERAL INFORMATION:
APPLICANT: ARLINGHAUS, RALPH B.
APPLICANT: LIU, JIAXIN
APPLICANT: LOPEZ-BERESTEIN, GABRIEL
APPLICANT: LIU, DAI
TITLE OF INVENTION: BCR-ABL DIRECTED COMPOSITIONS AND USES FOR INHIBITING

TITLE OF INVENTION: PHILADELPHIA CHROMOSOME STIMULATED CELL GROWTH
FILE REFERENCE: UTXC:488
CURRENT APPLICATION NUMBER: US/09/101,059
CURRENT FILING DATE: 1999-06-21
PRIOR APPLICATION NUMBER: 08/390,353
PRIOR FILING DATE: 1995-02-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-101-059-21

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 184
PCT-US94-12947A-63
Sequence 63, Application PC/TUS9412947A
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Judas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12947A
FILING DATE: 10-NOV-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
PCT-US94-12947A-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 525 CATGACCTGAAGTCAT 542
|||||
Db 1 CATGACCTGAAGCCCAT 18

RESULT 185
US-08-770-235A-24

; Sequence 24, Application US/08770235A

; Patent No. 5939538

; GENERAL INFORMATION:

; APPLICANT: Leavitt, Markley C.

; APPLICANT: Tiltz, Richard

; APPLICANT: Feng, Yu

; APPLICANT: Barber, Jack

; APPLICANT: Yu, Mang

; TITLE OF INVENTION: Methods and Compositions for Inhibiting

; TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA

; NUMBER OF SEQUENCES: 77

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/770,235A

; FILING DATE: 19-DEC-1996

; CLASSIFICATION: 536

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 60/027,875

; FILING DATE: 25-OCT-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: QUINE, Jonathan A.

; REGISTRATION NUMBER: P-41,261

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: RNA

; US-08-770-235A-24

Query Match 0.9%; Score 13; DB 1; Length 16;

Best Local Similarity 69.2%; Pred. No. 1.5e+02;

Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy 1295 TGATCTGCGCT 1307

|||||

Db 4 UGUCUCGCGCU 16

RESULT 186

US-08-964-020-18/c

; Sequence 18, Application US/08964020

; Patent No. 6077669

; GENERAL INFORMATION:

; APPLICANT: Vonk, Glenn P.

; APPLICANT: Little, Michael C.

; TITLE OF INVENTION: Kit and Method for Fluorescence Based

; TITLE OF INVENTION: Detection Assay

; NUMBER OF SEQUENCES: 20

; CORRESPONDENCE ADDRESS:

ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
; ADDRESS: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: USA

ZIP: 07417

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/964,020

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Hight, David W.

; REGISTRATION NUMBER: 30,265

; REFERENCE/DOCKET NUMBER: P-4025

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (201) 847-5317

; TELEFAX: (201) 848-9228

; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-964-020-18

Query Match 0.9%; Score 13; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 685 GGATTATTGCTG 697

|||||

Db 13 GGATTATTGCTG 1

RESULT 187

US-08-963-927-18/c

; Sequence 18, Application US/08963927

; Patent No. 6096501

; GENERAL INFORMATION:

; APPLICANT: Berger, Dolores M.

; APPLICANT: Foxall, Paul A.

; TITLE OF INVENTION: Assay for Chlamydia Trachomatis by

; TITLE OF INVENTION: Amplification and Detection of Chlamydia Trachomatis

; NUMBER OF SEQUENCES: 30

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and

; ADDRESS: Company

; STREET: 1 Becton Drive

; CITY: Franklin Lakes

; STATE: NJ

; COUNTRY: USA

; ZIP: 07417

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/963,927

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Hight, David W.

; REGISTRATION NUMBER: 30,265

; REFERENCE/DOCKET NUMBER: P-3889

; TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 847-5317
TELEFAX: (201) 848-9228
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-963-927-18

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 188
US-09-481-810-18/c
Sequence 18, Application US/09461810
Patent No. 6216125
GENERAL INFORMATION:
APPLICANT: Berger, Dolores M.
TITLE OF INVENTION: Assay for Chlamydia Trachomatis by
TITLE OF INVENTION: Amplification and Detection of Chlamydia Trachomatis
TITLE OF INVENTION: Cryptic Plasmid
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSER: Richard J. Rodrick - Becton, Dickinson and
ADDRESSER: Company
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: NJ
COUNTRY: USA
ZIP: 07417
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/481,810
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hight, David W.
REGISTRATION NUMBER: 30,265
REFERENCE/DOCKET NUMBER: P-3889
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 847-5317
TELEFAX: (201) 848-9228
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-481-810-18

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 189
US-09-290-577-27/c

Sequence 27, Application US/09290577
Patent No. 6238868
GENERAL INFORMATION:
APPLICANT: Carrino, John J.
APPLICANT: Gerrie, Louis O.
APPLICANT: Diver, Jonathan M.
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
FILE REFERENCE: 238/238
CURRENT APPLICATION NUMBER: US/09/290,577
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 17
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-290-577-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 190
US-09-290-452-27/c
Sequence 27, Application US/09290452
Patent No. 6309833
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Meatin, Lorelei P.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 17
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-290-452-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 191
US-09-290-338-27/c
Sequence 27, Application US/09290338
Patent No. 6326173
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
TITLE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338

;; CURRENT FILING DATE: 1999-04-12
;; NUMBER OF SEQ ID NOS: 62
;; SOFTWARE: PastSeq for Windows Version 3.0
;; SEQ ID NO 27
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Chlamydia trachomatis
US-09-290-338-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 192
US-09-290-000-27/C
; Sequence 27, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl P.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Chlamydia trachomatis
US-09-290-000-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
DB 13 GGATTATTGCTG 1

RESULT 193
US-09-617-106-3
; Sequence 3, Application US/09617106
; Patent No. 6541507
; GENERAL INFORMATION:
; APPLICANT: Dalke, Maria
; APPLICANT: Galey, Jean-Baptiste
; APPLICANT: Bernard, Bruno
; TITLE OF INVENTION: Indolecarboxylic Compounds for Inducing/Stimulating Hair
; TITLE OF INVENTION: Growth and/or Retarding Hair Loss
; FILE REFERENCE: 016800-386
; CURRENT APPLICATION NUMBER: US/09/617,106
; CURRENT FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: FR 99/09268
; PRIOR FILING DATE: 1999-07-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer used to obtain the 5 alpha-reductase II cDNA

US-09-617-106-3

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGGTTCACTG 1081
DB 5 TGCAGGTTCACTG 17

RESULT 194
US-09-205-204-37
; Sequence 37, Application US/09205204
; Patent No. 5958772
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRES
; FILE REFERENCE: RTS-0020
; CURRENT APPLICATION NUMBER: US/09/205,204
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-204-37

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 632 TGAATCTCATCA 644
DB 6 TGAATCTCATCA 18

RESULT 195
US-09-280-409-29/C
; Sequence 29, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-29

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 TGATGACATCAGC 1562
DB 18 TGATGACATCAGC 6

RESULT 196
US-09-280-409-64/C

/ Sequence 64, Application US/09280409
/ Patent No. 6107092
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowser
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Bert W. O'Malley
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
/ FILE REFERENCE: RTS-0048
/ CURRENT APPLICATION NUMBER: US/09/280,409
/ NUMBER OF SEQ ID NOS: 146
/ SEQ ID NO 64
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-64

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1550 TGATGACATCAGC 1562
DB 17 TGATGACATCAGC 5

RESULT 197
US-09-071-433-1/C
/ Sequence 1, Application US/09071433A
/ Patent No. 6197584
/ GENERAL INFORMATION:
/ APPLICANT: Cowser, C. Frank
/ APPLICANT: Cowser, Lex M
/ TITLE OF INVENTION: Antisense Modulation of CD40 Expression
/ FILE REFERENCE: RTS-0002
/ CURRENT APPLICATION NUMBER: US/09/071,433A
/ CURRENT FILING DATE: 1998-05-01
/ NUMBER OF SEQ ID NOS: 91
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 1
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-1

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1294 GTGGTCCTCCGCC 1306
DB 17 GTGGTCCTCCGCC 5

RESULT 198
US-08-292-620A-1593
/ Sequence 1593, Application US/08292620A
/ Patent No. 5837542
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grilmm
/ APPLICANT: Dan T. Scinchcomb
/ APPLICANT: James McSwigen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620A
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1593:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-292-620A-1593

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 891 CTACAGCCCGGAGCC 906
DB 1 CTACAGCCCGGAGCC 16

RESULT 199
US-09-071-845-1593
/ Sequence 1593, Application US/09071845
/ Patent No. 6132967
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grilmm
/ APPLICANT: Dan T. Scinchcomb
/ APPLICANT: James McSwigen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1593:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1593

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCGCGAGCC 906
b 1 CUCACGCCGCGUGAC 16

RESULT 200
US-09-545-569A-12/C
Sequence 12, Application US/09545569A
Patent No. 6475768
GENERAL INFORMATION:
APPLICANT: OTERO, RICARDO ROMAN CORDERO
APPLICANT: GARDONYI, MARK
APPLICANT: HAHN-HAGERD, BARBEL
APPLICANT: VAN ZYL, WILHEM HEBER
APPLICANT: DACKENAG, EVA ANNA VIKTORIA
TITLE OF INVENTION: XYLOSE ISOMERASE WITH IMPROVED PROPERTIES
FILE REFERENCE: 06063.0015 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/545,569A
CURRENT FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: SE 9901298-1
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: PRIMER FOR THERMUS THERMOPHILUS XYLA GENE.
US-09-545-569A-12

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 496 GGTGCGCGCGTATGA 511
b 16 GGTGCGCGCGTATGA 1

RESULT 201
US-09-371-772B-5877
Sequence 5877, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Raschedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5877
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5877

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 1.6e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 917 TGAAGCTAATGTCAA 932
b 1 UCAAGCAAAUGUACAA 16

RESULT 202
US-09-371-772B-7124
Sequence 7124, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Raschedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 7124
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7124

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1544 AATCCGTGATGACATC 1559
||:|||||:|||||
DB 1 AAUCCAGACUGACAC 16

RESULT 203
US-08-373-124A-564

; Sequence 564, Application US/08373124A
; Patent No. 5646042

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James

; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: Storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/373,124A

; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 564:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-373-124A-564

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 746 AGAATCATGACGAGAT 761
|||||:|||||:|||||

DB 2 AGAAGACUGACGAGAU 17

RESULT 204

US-08-373-124A-1433/C
; Sequence 1433, Application US/08373124A

; Patent No. 5646042

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James

; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: Storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/373,124A

; FILING DATE: January 13, 1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1433:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-373-124A-1433

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1546 TCCTGATGATGAC 1561
|||||:|||||:|||||

DB 17 TCTCTGTGACATGAC 2

RESULT 205

US-08-758-306-463
; Sequence 463, Application US/08758306

; Patent No. 5807743

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James A.

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH

; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 463:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-463

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 17;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1090 TTCTCTCCCATCTC 1105
Db 2 UUUCCUCCUCCUCC 17

RESULT 206
US-08-758-306-479
Sequence 479, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 479:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-479

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1003 TCCATCTACCCACCA 1018
Db 2 UCCAUCCUCCUCCGA 17

RESULT 207
US-08-435-628-564
Sequence 564, Application US/08435628
Patent No. 581796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 564:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-564

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGAAGATGACGAGAT 761
DB 2 AGAAGATGACGAGAU 17

RESULT 208
US-08-435-628-1433/c
Sequence 1433, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1433:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1433

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1546 TCCGTGATGACATCAG 1561
DB 17 TCTCTTGACATCAG 2

RESULT 209
US-08-998-099-62/c
Sequence 62, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 62
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-62

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1298 TCCGTGCGCTGCTCTG 1313
DB 16 TCCGTGCAATCTCTG 1

RESULT 210
US-08-998-099-98
Sequence 98, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124

EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 98
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-98

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGACATGACGAGAT 761
DB 2 AGACATGACGAGAT 17

RESULT 211
US-08-246-489-3
Sequence 3, Application US/08246489
Patent No. 6225049
GENERAL INFORMATION:
APPLICANT: Ian, Michael S.
APPLICANT: No. 6225049kine, Abner L.
TITLE OF INVENTION: NOVEL HUMAN INSULINOMA-ASSOCIATED CDNA
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobb, Martens, Olson & Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: California
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,489
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/901,715
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Israel, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH012.012A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-246-489-3

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAAGAC 678
DB 1 GTTCCCTTCAAGATC 16

RESULT 212
US-09-282-146-7
Sequence 7, Application US/09282146A
Patent No. 6303847
GENERAL INFORMATION:
APPLICANT: KAWAKA, Akiyoshi
APPLICANT: BRINDA, Hiroyasu
TITLE OF INVENTION: TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID
FILE REFERENCE: 4859-0027-0
CURRENT APPLICATION NUMBER: US/09/282,146A
CURRENT FILING DATE: 1999-03-31
EARLIER APPLICATION NUMBER: JP 10-125171
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent Ver. 2.1
SEQ ID NO: 7
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-282-146-7

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 CTCACCACTCCGACT 715
DB 2 CTCACCACTCCCT 17

RESULT 213
US-08-584-040-2116
Sequence 2116, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pith Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2116:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2116

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 931 AAGAGTCAGGCGTGT 946
DB 2 AAGAGTCAGGCGTGT 17

RESULT 214
US-08-584-040-7913
Sequence 7913, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Recodedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OP VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7913:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-7913

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

OY 1098 CCATCTCACTTCTTC 1113
DB 2 CCATCTCACTTCTTC 17

RESULT 215
US-08-679-645-118

Sequence 118, Application US/08679645

Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-679-645-118

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 438 CTCGAGTCCGAGGC 453

Db 1 CUACGAGGCCAGCAGC 16

RESULT 216

US-08-679-645-756
; Sequence 756, Application US/08679645
; Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwigen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Liding
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 756:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-756

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 635 ATCTCATACACAGTA 650
Db 2 AUCUGCUCACACAGTA 17

RESULT 217
US-09-371-772B-661
; Sequence 661, Application US/09371772B

; Patent No. 6566127
; GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEBB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 661
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-661

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 931 AAGAGTCAGGCGGTGT 946
Db 2 AAGAGTCAGGCGGTGT 17

RESULT 218

US-09-371-772B-3696
; Sequence 3696, Application US/09371772B
; Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEBB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3696
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3696

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1098 CGATCTCTACTTCTCTC 1113
Db 2 CCAUCAUCAAGUCCUC 17

RESULT 219
US-09-371-772B-4232/C
; Sequence 4232, Application US/09371772B
; Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4232
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4232

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1138 GCGGTGACTGCGCTGC 1153
DB 17 GCAGTGTCTGCGCTGC 2

RESULT 220
US-09-371-772B-6581
Sequence 6581, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6581
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6581

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCATGAGG 1339
DB 2 ACGGGGCCAAUGGAGG 17

RESULT 221
US-07-985-690A-4/c
Sequence 4, Application US/07985690A
Patent No. 5376545
GENERAL INFORMATION:

APPLICANT: Yagasaki, Makoto
APPLICANT: Ichino, Shuichi
APPLICANT: Iwata, Kazuhisa
APPLICANT: Azuma, Masaki
APPLICANT: Teshiba, Sadao
APPLICANT: Hasegawa, Masaru
APPLICANT: Yamaguchi, Kazuo
APPLICANT: Yano, Keiichi
APPLICANT: Yokoo, Yoshiharu
APPLICANT: Hashimoto, Yukio
TITLE OF INVENTION: DNA CODING FOR URICASE AND PROCESS FOR
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: ANTONELLI, TERRY, STOUT & KRAUS
STREET: Suite 600, 1919 Pennsylvania Avenue, N.W.
CITY: Washington,
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage
COMPUTER: NEC PC-9801 Series
OPERATING SYSTEM: MS-DOS Ver3.30 or Later
SOFTWARE: PATENT AID
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/985,690A
FILING DATE: 19921203
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP91/320525
FILING DATE: 04-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
REGISTRATION NUMBER: 20178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-828-0300
TELEFAX: 202-828-0380
TELEX: 440280
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: SYNTHETIC DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-985-690A-4

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1490 GGAGTAGTAGTAAAA 1505
DB 17 GGAGTAGTAGAGACA 2

RESULT 222
US-08-379-081B-238
Sequence 238, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA

COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA: HITACHI .011A
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI .011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRNMS
US-08-379-081B-238

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1181 TCCTGACATCCACCG 1197
Db 2 TTCTGANATGCACCG 18

RESULT 223
US-08-379-078-238
Sequence 238, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/379,078
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: HITACHI .011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRNMS
US-08-379-078-238

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1181 TCCTGACATCCACCG 1197
Db 2 TTCTGANATGCACCG 18

RESULT 224
US-08-440-103-5
Sequence 5, Application US/08440103
Patent No. 5670152
GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/440,103
APPLICATION NUMBER: US/08/440,103
FILING DATE: 12-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-440-103-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
DB 2 AACGGGCTGAGCTCG 17

RESULT 225
US-08-440-542-5

Sequence 5, Application US/08440542
Patent No. 5670153

GENERAL INFORMATION:

APPLICANT: Weiner, Amy J.

APPLICANT: Houghton, Michael

TITLE OF INVENTION: Immunoactive Polypeptide Compositions

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSER: Chiron Corporation

STREET: 4560 Horton Street

CITY: Emeryville

STATE: CA

COUNTRY: USA

ZIP: 94608

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,542

FILING DATE: 12-MAY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/231,368

FILING DATE:

APPLICATION NUMBER: US 07/759,575

FILING DATE: 13-SEP-1991

ATTORNEY/AGENT INFORMATION:

NAME: McClung, Barbara G.

REGISTRATION NUMBER: 33,113

REFERENCE/DOCKET NUMBER: 0205.001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 601-2708

TELEFAX: (510) 655-3542

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-440-542-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 2.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
DB 2 AACGGGCTGAGCTCG 17

RESULT 226
US-08-299-498A-2

Sequence 2, Application US/08299498A

Patent No. 5688670

GENERAL INFORMATION:

APPLICANT: Szoestak, Jack W.

APPLICANT: Lorsch, Jon R.

APPLICANT: Wilson, Charles

TITLE OF INVENTION: NOVEL RIBOZYMES AND NOVEL RIBOZYME
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:

ADDRESSER: Fish & Richardson

STREET: 225 Franklin Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/299,498A

FILING DATE: 01-SEP-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/245001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-299-498A-2

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 749 ACATCAGCAGATCCA 764
DB 1 ACUCAGCAAGCAUCCA 16

RESULT 227
US-08-231-368-5

Sequence 5, Application US/08231368

Patent No. 5756312

GENERAL INFORMATION:

APPLICANT: Weiner, Amy J.

APPLICANT: Houghton, Michael

TITLE OF INVENTION: Immunoactive Polypeptide Compositions

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSER: Chiron Corporation

STREET: 4560 Horton Street

CITY: Emeryville

STATE: CA

COUNTRY: USA

ZIP: 94608

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/231,368

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/759,575

FILING DATE: 13-SEP-1991

ATTORNEY/AGENT INFORMATION:

NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-231-368-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGCTGAGCAAG 796
DB 2 AACGGCTGAGCTCG 17

RESULT 228
US-08-440-210-5
Sequence 5, Application US/08440210
Patent No. 5766845
GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: US/08/440,210
APPLICATION NUMBER: US/08/440,210
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-440-210-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGCTGAGCAAG 796
DB 2 AACGGCTGAGCTCG 17

RESULT 229
US-08-482-882-112
Sequence 112, Application US/08482882
Patent No. 5773218
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,882
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5773218and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-882-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GCGTGTTCAGGCAT 956
DB 2 GCGAGTTTGAAAGCTT 17

RESULT 230
US-08-483-389-112
; Sequence 112, Application US/08483389
; Patent No. 581517
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; TITLE OF INVENTION: ICAM-RELATED PROTEIN
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,389
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Suh, Young J.
; REGISTRATION NUMBER: P-41,337
; REFERENCE/DOCKET NUMBER: 27866/32760
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: (312) 474-6600
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-483-389-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGGTGTTGAAGCAT 956
DB 2 GGGAGTTTGAAGCTT 17

RESULT 231
US-08-487-113D-112
; Sequence 112, Application US/08487113D
; Patent No. 5837822
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael

; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,113D
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE: 05-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5837822and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32744
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-487-113D-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGGTGTTGAAGCAT 956
DB 2 GGGAGTTTGAAGCTT 17

RESULT 232
US-08-473-503-112
; Sequence 112, Application US/08473503
; Patent No. 5869282
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:

ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,503
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 06/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5869262and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
US-08-473-503-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGTGTGAGGCAT 956
DB 2 GCGAGTTGAAGCCTT 17

RESULT 233
US-08-282-197C-40/c
Sequence 40, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brezinski, Ryszard
APPLICANT: Dery, Claude V
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington

STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-40

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CAGACCTTGACATC 558
DB 18 CAGACCTTGACCTTC 3

RESULT 234
US-08-483-932-112
Sequence 112, Application US/08483932
Patent No. 5860268
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,932
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 06/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5880268and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-483-932-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGTGTTCAGGCAT 956
DB 2 GCGAGTTTGAAGCTT 17

RESULT 235
US-08-974-565C-10
Sequence 10, Application US/08974565C
Patent No. 5932423
GENERAL INFORMATION:
APPLICANT: Au-Young, Janice
APPLICANT: Cocks, Benjamin G.
APPLICANT: Coleman, Roger
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Fisher, Douglas A.
TITLE OF INVENTION: CYCLIC NUCLEOTIDE PHOSPHODIESTERASES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,565C
FILING DATE: Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/624,663
FILING DATE: March 25, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Murty, Lynn E.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PP-0057-1 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-08-974-565C-10

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGACATTCGACGAGT 761
DB 3 AGACATTCGACGAGT 18

RESULT 236
US-08-970-269A-10/C
Sequence 10, Application US/08970269A
Patent No. 5976803
GENERAL INFORMATION:
APPLICANT: Kathryn Meek
TITLE OF INVENTION: Genetic Test For Equine Severe
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Dr. Benjamin A. Adler
STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,269A
FILING DATE: No. 5976803ember 14, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5860
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bp
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
FEATURE:
US-08-970-269A-10

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCTTTCAGTCATGAA 290
DB 17 TCTTTCAGTCATGAA 2

RESULT 237
US-08-863-639A-15
Sequence 15, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.

APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-15

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CAACAACAACAACACC 399
DB 2 CAACAACAACAACAAC 17

RESULT 238
US-08-863-639A-16
Sequence 16, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-16

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CAACAACAACAACACC 399
DB 1 CAACAACAACAACAAC 16

RESULT 239
US-09-205-860-29/c
Sequence 29, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-29

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1430 TCCTGCTGCTGCTGCC 1445
DB 17 TCCTGCTGCTGCTGCC 2

RESULT 240
US-08-720-420A-112
Sequence 112, Application US/08720420A
Patent No. 5989843
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/720,420A
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-720-420A-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 941 GGGTTTGAAGCAT 956
DB 2 GGGAGTTTGAAGCCTT 17

RESULT 241
US-09-256-496-86/c
Sequence 86, Application US/09256496
Patent No. 5398206
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
FILE REFERENCE: RTS-0056
CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 86
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-86

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 531 CCTGAAGCATCATG 546
DB 18 CCTGAAGCATCATG 3

RESULT 242
US-08-714-017-112
Sequence 112, Application US/08714017
Patent No. 6040176
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerslein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,017
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 6040176and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-714-017-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 941 GGGTTTGAAGCAT 956
DB 2 GGGAGTTTGAAGCCTT 17

RESULT 243
US-09-339-775-18/c
; Sequence 18, Application US/09339775
; Patent No. 6063626
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0069
; CURRENT APPLICATION NUMBER: US/09/339,775
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-18

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 CAGGATGGACAAAC 1277
DB 18 CAGGATGGTACAAAC 3

RESULT 244
US-09-199-859-27/c
; Sequence 27, Application US/09199859
; Patent No. 6069008
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0025
; CURRENT APPLICATION NUMBER: US/09/199,859
; CURRENT FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-199-859-27

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 218 GCCTGCTTCAACAT 233
DB 16 GCCTGCTTCTCAT 1

RESULT 245
US-08-867-381A-7/c
; Sequence 7, Application US/0867381A
; Patent No. 6075123
; GENERAL INFORMATION:
; APPLICANT: Lahti, Jill M.
; APPLICANT: Kidd, Vincent J.
; TITLE OF INVENTION: CYCLIN-C VARIANT AND DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th

STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,381A
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-001 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-1"
HYPOTHETICAL: NO
US-08-867-381A-7

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 TGGGCTCGTGTGG 1441
DB 17 TGCATCTTCTGCTGG 2

RESULT 246
US-09-143-212-22/c
; Sequence 22, Application US/09143212B
; Patent No. 607672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAPD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-22

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1315 TTGCAGAGAGCGGG 1330
DB 18 TTGCAGAGAGCGGG 3

RESULT 247
US-08-833-167-5
; Sequence 5, Application US/08833167
; Patent No. 6100070

GENERAL INFORMATION:
APPLICANT: ZURELICH, LINDA L
APPLICANT: MCWERTER, CHARLES A
APPLICANT: MCKEARN, JOHN P
APPLICANT: KLEIN, BARBARA K
APPLICANT: PENG, YI QING
APPLICANT: BRAFFORD-GOLDBERG, SARAH R
APPLICANT: LEE, STEPHEN C
TITLE OF INVENTION: G-CSF RECEPTOR AGONISTS
NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:
ADDRESSEE: DENNIS A BENNETT, G.D. SEARLE & CO.,
ADDRESSES: CORPORATE PATENT DEPT.,
STREET: P.O. BOX 5110
CITY: CHICAGO
STATE: ILLINOIS
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,167
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US 96/15935
FILING DATE: 04-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/004,382
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENNETT, DENNIS A
REFERENCE/DOCKET NUMBER: 2907/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-694-5402
TELEFAX: 314-694-9095
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA (synthetic)"
US-08-833-167-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 GGGCTGCGCAGGCTG 799
DB 1 GGGCTGCGCAGGCTG 16

RESULT 248
US-08-475-680-112
Sequence 112: Application US/08475680
Patent No. 6100383
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA

ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,680
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6100383and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-475-680-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGCTTTGAAGGCT 956
DB 2 GGGAGTTTGAAGGCTT 17

RESULT 249
US-09-280-409-113/c
Sequence 113: Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cowart
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 113
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-113

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1143 GACTGACCTGACACCT 1158
DB 17 GACTGACCTGACCTCC 2

RESULT 250
US-09-193-377B-28/c
; Sequence 28, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULIN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira moscovicensis
US-09-193-377B-28

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GTCCATCTACCCACC 1017
DB 17 GTCCATCTTCCCTCCC 2

RESULT 251
US-09-268-140-16/c
; Sequence 16, Application US/09268140
; Patent No. 6268176
; GENERAL INFORMATION:
; APPLICANT: Gemmill, Robert M.
; APPLICANT: Drabkin, Harry A.
; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
; FILE REFERENCE: 93445-00004
; CURRENT APPLICATION NUMBER: US/09/268,140
; CURRENT FILING DATE: 2000-03-12
; PRIOR APPLICATION NUMBER: US 60/077,723
; PRIOR FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-268-140-16

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 TCTTCTCTCCCATCC 1103
DB 17 TCTTCTCTCCCTCC 2

RESULT 252
US-09-407-562-10/c
; Sequence 10, Application US/09407562

; Patent No. 6294334
; GENERAL INFORMATION:
; APPLICANT: Kathryn Meek
; TITLE OF INVENTION: Genetic Test For Equine Severe
; TITLE OF INVENTION: Combined Immunodeficiency Disease
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dr. Benjamin A. Adler
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/407,562
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/970,269
FILING DATE: No. 6294334ember 14, 1997

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5860
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bp
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; FEATURE:
US-09-407-562-10

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCTTGACGTCATGAA 290
DB 17 TCTTGACGTCATGAA 2

RESULT 253
US-09-046-604-5
; Sequence 5, Application US/0904604
; Patent No. 6303292
; GENERAL INFORMATION:
; APPLICANT: Weiner, Amy J.
; APPLICANT: Houghton, Michael
; TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,604
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205,001
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-046-604-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 AACGGGCTGAGCAAG 796
Db 2 AACGGGCTGAGCTGG 17

RESULT 254
US-09-521-144-7/c
Sequence 7, Application US/09521144
Patent No. 6306648
GENERAL INFORMATION:
APPLICANT: Lahti, Jylli M.
APPLICANT: Kidd, Vincent J.
TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/521,144
FILING DATE: 08-MAR-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/667,381
FILING DATE: 02-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-001 N
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-1"
HYPOTHEICAL: NO
US-09-521-144-7

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1426 TGCCTCTGCTGCTGG 1441
Db 17 TGCATCTCTGCTGG 2

RESULT 255
US-08-584-040-4495
Sequence 4495, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4495:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4495

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 75.0%; Pred. No. 2.3e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1544 AATCCCTGATGACATC 1559
 DB 1 AATCCCAAGACAC 16

RESULT 256
 US-08-679-645-591
 ; Sequence 591, Application US/08679645
 ; Patent No. 6350934
 ; GENERAL INFORMATION:
 ; APPLICANT: Zwick, Michael G.
 ; APPLICANT: Edington, Brent B.
 ; APPLICANT: McSwiggen, James A.
 ; APPLICANT: Merlo, Patricia Ann Owens
 ; APPLICANT: Guo, Lining
 ; APPLICANT: Skokut, Thomas A.
 ; APPLICANT: Young, Scott A.
 ; APPLICANT: Folkerts, Otto
 ; APPLICANT: Merlo, Donald J.
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 ; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 ; TITLE OF INVENTION: IN PLANTS
 ; NUMBER OF SEQUENCES: 1263
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/679,645
 ; FILING DATE: July 12, 1996
 ; CLASSIFICATION: 800
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/001,135
 ; FILING DATE: July 13, 1995
 ; APPLICATION NUMBER: 08/300,726
 ; FILING DATE: September 2, 1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 219/247
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 591:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-679-645-591

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 75.0%; Pred. No. 2.3e+02;
 Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 438 CTCGACGTCACGCGC 453
 DB 1 CTCGACGTCACGCGC 453

DB 2 CUACCAUCCACGCGC 17

RESULT 257
 US-09-344-837A-5
 ; Sequence 5, Application US/09344837A
 ; Patent No. 6358505

; GENERAL INFORMATION:
 ; APPLICANT: ZURFLUH, LINDA L.
 ; APPLICANT: MCHESTER, CHARLES A.
 ; APPLICANT: MCKEARN, JOHN P.
 ; APPLICANT: KLEIN, BARBARA K.
 ; APPLICANT: FENG, YIONG
 ; APPLICANT: BRAFORD-GOLDBERG, SARAH R.
 ; APPLICANT: LEE, STEPHEN C.
 ; TITLE OF INVENTION: G-CSF RECEPTOR AGONISTS
 ; NUMBER OF SEQUENCES: 129
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: S. CHRISTOPHER BAUER
 ; ADDRESSEE: MONSANTO/G. D. SEARLE & CO.,
 ; ADDRESSEE: PATENT DEPARTMENT CENTRAL
 ; STREET: P.O. BOX 5110
 ; CITY: CHICAGO
 ; STATE: ILLINOIS
 ; COUNTRY: USA
 ; ZIP: 60680
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/344,837A
 ; FILING DATE: 25-JUN-1999
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: WO PCT/US 96/15935
 ; FILING DATE: 04-OCT-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/004,382
 ; FILING DATE: 05-OCT-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: S. CHRISTOPHER BAUER
 ; REFERENCE/DOCKET NUMBER: 2907/2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 636-737-6257
 ; TELEFAX: 636-737-5452
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "DNA (synthetic)"
 ; US-09-344-837A-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 2.3e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 GGGCTGAGCAGGTG 799
 DB 1 GGGCTGCGCAGGTG 16

RESULT 258
 US-09-167-109-11/C
 ; Sequence 11, Application US/09167109
 ; Patent No. 6399297
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: Cowsett, Lex M.

```

; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; PRIORITY FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-11
```

```

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      1566 CAAAGGCTCTGTCGCTG 1581
Db      16  CCAAGGCTCTGTCGCTG 3
```

```

RESULT 259
US-09-280-030-17
; Sequence 17, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a reverse primer for PCR amplification of
; OTHER INFORMATION: MWPSP-MMPmp11 DNA
US-09-280-030-17
```

```

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      1486 TTTTGAAGTAGTAGTA 1501
Db      1  TTTTGAAGCTGTAGTA 16
```

```

RESULT 260
US-09-789-556A-40
; Sequence 40, Application US/09789556A
; Patent No. 6534269
; GENERAL INFORMATION:
; APPLICANT: City of Hope
; APPLICANT: Liu, Qiang
; APPLICANT: Sommer, Steve S.
; TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP): Application to
; TITLE OF INVENTION: Specific Amplification and Nucleic Acid Sequence Determination
; Patent No. 6534269
```

```

; FILE REFERENCE: 1954-328-11
; CURRENT APPLICATION NUMBER: US/09/789,556A
; CURRENT FILING DATE: 2001-02-22
; PRIORITY FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/237,180
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/187,035
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: US 60/184,315
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (18)-(18)
; OTHER INFORMATION: dideoxynucleotide
US-09-789-556A-40
```

```

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      244 ATCCCTATCCCTCTCT 259
Db      1  ACCCTATCCCTCTCT 16
```

```

RESULT 261
US-09-422-978-7287
; Sequence 7287, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7287
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3468 for SEQ 3353,
US-09-422-978-7287
```

```

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      1463 GAGCCCAAGAGAAATG 1478
Db      1  GTAGCCCAAGAGAAAG 16
```

```

RESULT 262
US-09-422-978-7414/C
; Sequence 7414, Application US/09422978
; Patent No. 6537751
```

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7414
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4358 for SEQ 3480,
US-09-422-978-7414

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1227 GAAACTGCACTGAGC 1242
Db      18 GAACTGCACCTGAAC 3

RESULT 263
US-09-422-978-8173/C
; Sequence 8173, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8173
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14145 for SEQ 308, in compleme
US-09-422-978-8173

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      649 TACTTTCAGCAGCTGT 664
Db      16 TCCTTTCAGCAGCTGT 1

RESULT 264
```

```

US-09-422-978-10573/C
; Sequence 10573, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10573
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15000 for SEQ 2708, in comple
US-09-422-978-10573

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1493 GTACTAGTAAAGGG 1508
Db      17 GTACAGTAAAGGG 2

RESULT 265
US-09-434-354-19
; Sequence 19, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Cleverger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Fritzerl, Luciano G.
; APPLICANT: Velicelabi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; FILE REFERENCE: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; EARLIER FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PaacSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequencing primer
US-09-434-354-19

Query Match          0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      669 CTTCAAGACAGCTTC 684
Db      2 CTTCAAGAGAAATTC 17
```

```
RESULT 266
US-09-371-772B-2208
; Sequence 2208, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2208
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2208

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1544 AATCCCTGATGACATC 1559
DB 1 AAUCCCAAGUACACAC 16

RESULT 267
US-09-533-494A-14
; Sequence 14, Application US/09533494A
; Patent No. 6586581
; GENERAL INFORMATION:
; APPLICANT: Bancroft, F. Carter
; APPLICANT: Piles, Maikiko
; APPLICANT: Taylor Clelland, Catherine L.
; TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
; FILE REFERENCE: AP31818 070165, 0497
; CURRENT APPLICATION NUMBER: US/09/533,494A
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-533-494A-14

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 490 GTCTGGGTGCGCGG 505
DB 3 GTCCTGGGTGCGCGG 18

RESULT 268
US-09-533-494A-27
; Sequence 27, Application US/09533494A
; Patent No. 6586581
; GENERAL INFORMATION:
; APPLICANT: Bancroft, F. Carter
```

```
; APPLICANT: Piles, Maikiko
; APPLICANT: Taylor Clelland, Catherine L.
; TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
; FILE REFERENCE: AP31818 070165, 0497
; CURRENT APPLICATION NUMBER: US/09/533,494A
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-533-494A-27
```

```
Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 490 GTCTGGGTGCGCGG 505
DB 3 GTCCTGGGTGCGCGG 18
```

```
RESULT 269
PCT-US95-10813-2
; Sequence 2, Application PC/TUS9510813
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Lorsch, Jon R.
; APPLICANT: Wilson, Charles
; TITLE OF INVENTION: NOVEL RIBOZYMES AND NOVEL RIBOZYME
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: . PCT/US95/10813
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,498
; FILING DATE: 01-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/245001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELERX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US95-10813-2

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

QY 749 ACATGACGAGATCCA 764
Db 1 ACGUCAGAGGAUCCA 16

RESULT 270
5182262-2

Patent No. 5182262
APPLICANT: LETO, THOMAS
TITLE OF INVENTION: CALMODULIN BINDING PEPTIDE DERIVATIVES
OF NON-ERYTHROID ALPHA SPECTRIN
NUMBER OF SEQUENCES: 15
CURRENT APPLICATION DATA:
FILING DATE: 02-MAR-1989
SEQ ID NO: 2
LENGTH: 18

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1522 GAGGCGATTCAGGCTT 1537
Db 1 GAGGCTTCCAGGCTT 16

RESULT 271

US-08-182-968A-364/C
Sequence 364, Application US/08182968A
Patent No. 5610054

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 13-JANUARY-1994
APPLICATION NUMBER: US/08/182,968A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-364

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGAGG 1342
Db 15 GGCCAGAGGAGG 2

RESULT 272

US-08-291-932A-105
Sequence 105, Application US/08291932A
Patent No. 5658780

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NR-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-105

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCAGG-1570
Db 1 AUCAGCUCUAGG 14

RESULT 273
US-08-363-240A-142/C
Sequence 142, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
PROGRESSION AND REGRESSION
OF VASCULAR DISEASES
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08363,240A
FILING DATE: December 23, 1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-142

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1370 TGGGTTCGATGCC 1383
Db 15 TGGGTTCGATGCC 2

RESULT 274
US-08-311-486C-212
Sequence 212, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 212:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-212

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1480 TATTATTTCGAG 1493
Db 1 UAUUUAUUGCGAG 14

RESULT 275
US-08-292-620A-351/C
Sequence 351, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 351:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-351
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1287 TGAGCCTGTGTC 1300
DB 14 TGAGCCTATGTC 1
RESULT 276
US-08-774-306A-364/C
Sequence 364, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968

FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-364
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1329 GGCCATGAGGCGG 1342
DB 15 GGCCAGGAGGCGG 2
RESULT 277
US-09-064-156A-364/C
Sequence 364, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-364

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGGGG 1342
DB 15 GGCCAGAGAGGGGG 2

RESULT 278

US-09-071-845-351/c
Sequence 351, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071.845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008.895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989.849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 351:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-351

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTGTGCTCC 1300
DB 14 TGAGCTATGCTCC 1

RESULT 279

US-09-081-646-509/c
Sequence 509, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152na1 and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081.646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047.352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 509
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-509

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 650 ACTTCCAGCATG 663
DB 14 ACTTCCAGCATG 1

RESULT 280
US-08-435-350-79/c
Sequence 79, Application US/08435350
Patent No. 559704
GENERAL INFORMATION:
APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF BREAST CANCER
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435.350
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936.531
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/245

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-350-79

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1554 GACATCAGCTCCCA 1567
DB 15 GTCATCAGCTCCCA 2

RESULT 281
US-08-770-235A-40
Sequence 40, Application US/0870235A
Patent No. 5939538
GENERAL INFORMATION:
APPLICANT: Leavitt, Markley C.
APPLICANT: Tietz, Richard
APPLICANT: Feng, Yu
APPLICANT: Barber, Jack
APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,235A
FILING DATE: 19-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,875
FILING DATE: 25-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: QUINE, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 016556-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: RNA
US-08-770-235A-40

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 1.9e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 485 TCCGCTCTTGAGT 498
DB 1 UCCUGGCAUGGU 14

RESULT 282
US-09-509-565-35
Sequence 35, Application US/09509565
Patent No. 6393340
GENERAL INFORMATION:
APPLICANT: SAITO, YOSHIMASA
APPLICANT: NOGUCHI, YUJI
APPLICANT: YOSHIKAWA, KOJI
APPLICANT: SOEDA, SHINSUKE
TITLE OF INVENTION: PLASMID VECTORS
FILE REFERENCE: 0018-1105-0PCT
CURRENT APPLICATION NUMBER: US/09/509,565
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: PCT/JP9804611
PRIOR FILING DATE: 1998-10-13
PRIOR APPLICATION NUMBER: JP9/303395
PRIOR FILING DATE: 1997-10-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.0
SEQ ID NO 35
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-509-565-35

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 449 ACGGCTCGGAGGC 462
DB 3 ACGGCTCGGAGGC 16

RESULT 283
US-09-371-772B-5652
Sequence 5652, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5652
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5652

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCGGAGCGCGGC 340
 DB 3 GCGGAGCGCGGC 16

RESULT 284

US-08-196-218-14
 ; Sequence 14, Application US/08196218
 ; Patent No. 5614619
 ; GENERAL INFORMATION:

APPLICANT: Piepersberg, Wolfgang
 APPLICANT: Stockmann, Michael
 APPLICANT: Taleghani, Kamplz Mansouri
 APPLICANT: Diastler, Jurgen
 APPLICANT: Grabley, Susanne
 APPLICANT: Sichel, Petra
 APPLICANT: Brau, Barbara
 TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
 TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
 TITLE OF INVENTION: Use.
 NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pinnegan, Henderson, Parabow, Garrett &
 ATTORNEY/AGENT INFORMATION:
 NAME: Ogden, Scasia L.
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: United States
 ZIP: 20005-3315
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/196,218
 FILING DATE: 25-AUG-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Ogden, Scasia L.
 REGISTRATION NUMBER: 36,228
 REFERENCE/DOCKET NUMBER: 02481.1372-00000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4400
 TELEFAX: 202-408-4000
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-196-218-14

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGGACATC 1191
 DB 4 TGTTCTGGACATC 17

RESULT 285
 US-08-196-218-15/c
 ; Sequence 15, Application US/08196218
 ; Patent No. 5614619
 ; GENERAL INFORMATION:
 APPLICANT: Piepersberg, Wolfgang
 APPLICANT: Stockmann, Michael
 APPLICANT: Taleghani, Kamplz Mansouri
 APPLICANT: Diastler, Jurgen
 APPLICANT: Grabley, Susanne

APPLICANT: Sichel, Petra
 APPLICANT: Brau, Barbara
 TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
 TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
 TITLE OF INVENTION: Use.
 NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pinnegan, Henderson, Parabow, Garrett &
 ATTORNEY/AGENT INFORMATION:
 NAME: Ogden, Scasia L.
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: United States
 ZIP: 20005-3315
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/196,218
 FILING DATE: 25-AUG-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Ogden, Scasia L.
 REGISTRATION NUMBER: 36,228
 REFERENCE/DOCKET NUMBER: 02481.1372-00000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4400
 TELEFAX: 202-408-4000
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-196-218-15

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGGACATC 1191
 DB 14 TGTTCTGGACATC 1

RESULT 286
 US-08-373-124A-1559/c
 ; Sequence 1559, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 APPLICANT: Selincomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwigen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible

```

1 OPERATING SYSTEM: IBM P.C. DOS 5.0
2 SOFTWARE: Word Perfect 5.1
3 CURRENT APPLICATION DATA:
4 APPLICATION NUMBER: US/08/373,124A
5 FILING DATE: January 13, 1995
6 PRIOR APPLICATION DATA:
7 APPLICATION NUMBER: 08/245,466
8 FILING DATE: May 18, 1994
9 APPLICATION NUMBER: 08/192,943
10 FILING DATE: February 7, 1994
11 APPLICATION NUMBER: 07/987,132
12 FILING DATE: December 7, 1992
13 APPLICATION NUMBER: 07/936,422
14 FILING DATE: August 26, 1992
15 ATTORNEY/AGENT INFORMATION:
16 NAME: Warburg, Richard
17 REGISTRATION NUMBER: 32,327
18 REFERENCE/DOCKET NUMBER: 209/035
19 TELECOMMUNICATION INFORMATION:
20 TELEPHONE: (213) 489-1600
21 TELEFAX: (213) 955-0440
22 TELEX: 67-3510
23 INFORMATION FOR SEQ ID NO: 155:
24 SEQUENCE CHARACTERISTICS:
25 LENGTH: 17 base pairs
26 TYPE: nucleic acid
27 STRANDEDNESS: single
28 TOPOLOGY: linear
29
30 US-08-373-124A-1559

```

Query Match	0.9%	Score 12.4	DB 1	Length 17
Best Local Similarity	92.9%	Pred. No. 2.2e+02		
Matches 13, Conservative	0	Mismatches 1	Indels 0	Gaps 0

Qy	880	TCGCTGAGTTC	893
Db	15	TAGCTGAGTTC	2

RESULT 287
US-08-373-124A-2091
Sequence 2091, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 613 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943

1 PILING DATE: February 7, 1994
2 APPLICATION NUMBER: 07/987,132
3 PILING DATE: December 7, 1992
4 APPLICATION NUMBER: 07/936,422
5 PILING DATE: August 26, 1992
6 ATTORNEY/AGENT INFORMATION:
7 NAME: Waldburg, Richard
8 REGISTRATION NUMBER: 32,327
9 REFERENCE/DOCKET NUMBER: 209/0356
10 TELECOMMUNICATION INFORMATION:
11 TELEPHONE: (213) 489-1600
12 TELEFAX: (213) 955-0440
13 TELEX: 67-3510
14 INFORMATION FOR SEQ ID NO: 2091:
15 SEQUENCE CHARACTERISTICS:
16 LENGTH: 17 base pairs
17 TYPE: nucleic acid
18 STRANDEDNESS: single
19 TOPOLOGY: linear
20
21 US-08-373-124A-2091

Query Match	0.9%	Score 12.4	DB 1	Length 17
Best Local Similarity	50.0%	Pred. No. 2	2e+02	
Matches	7	Conservative	6	Mismatches 1
				Indels 0
				Gaps 0

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QY      1304 CGCTGCTCTGGTTT 1317
          |||:|: :||::
Db      2   CGCUGCUAUGGUTU 15

```

RESULT 268
US-08-373-124A-2563/C
Sequence 2563, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,432
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Walburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2563:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2563

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TGCTGAGCTTCA 893
DB 15 TAGCTGAGCTTCA 2

RESULT 289
US-08-681-953-14
Sequence 14, Application US/08681953
Patent No. 5710032
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kamaliz Mansouri
APPLICANT: Dietler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Stichel, Petra
APPLICANT: Brau, Barbara
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Parabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-681-953-14

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGAGCATC 1191
DB 4 TGTTCTGAGCATC 17

RESULT 290
US-08-681-953-15/c
Sequence 15, Application US/08681953
Patent No. 5710032
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kamaliz Mansouri
APPLICANT: Dietler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Stichel, Petra
APPLICANT: Brau, Barbara
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Parabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-681-953-15

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGAGCATC 1191
DB 14 TGTTCTGAGCATC 1

RESULT 291
US-08-758-306-395
Sequence 395, Application US/08758306

Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 395:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-395

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTGACCCAC 563
DB 2 UUGGCAUUCGCCAC 15

RESULT 292
US-08-758-306-397
Sequence 397, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 397:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-397

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTGACCCAC 563
DB 1 UUGGCAUUCGCCAC 14

RESULT 293
US-08-758-306-477
Sequence 477, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 477:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-477

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1003 TCATCTACCCACC 1016
Db 4 UCCATCUCACGCC 17

RESULT 294
US-08-758-306-613
Sequence 613, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-613

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTTCTACGCC 899
Db 4 GACUUCACGCC 17

RESULT 295
US-08-758-306-615
Sequence 615, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 615:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-615

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTTCTACGCC 899
Db 2 GACUUCACGCC 15

```
RESULT 296
US-08-435-628-1559/c
; Sequence 1559, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1559:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1559

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      880 TCGCTGAGGTCTA 893
Db      15 TAGCTGAGGTCTA 2

RESULT 297
US-08-435-628-2091
; Sequence 2091, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
```

```
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2091:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2091

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Oy      1304 CGCTGCTCTGCTTT 1317
Db      2 CGCTGCTCTGCTTT 15

RESULT 298
US-08-435-628-2563/c
; Sequence 2563, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
```

NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
CLASSIFICATION: 514
FILING DATE: 05-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2563:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2563

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TGGCTGAGTCTA 893
| | | | | | | | | | | | | | | | | | | | |
Db 15 TACTCGAGTTCTA 2

RESULT 299
US-08-988-706-54
Sequence 54, Application US/08988706
Patent No. 6083698
GENERAL INFORMATION:
APPLICANT: OLSEN, Sheri J.
APPLICANT: ANGELLY, Tracy S.
APPLICANT: LAWRENCE, Tammy
APPLICANT: LESCALETT, Jennifer L.
APPLICANT: MURPHY, Patricia D.
APPLICANT: ALLEN, Antoinette P.
APPLICANT: THRUBER, Denise B.
APPLICANT: WHITE, Marga B.
APPLICANT: ZENG, Bin
APPLICANT: SADZEWICZ, Lisa K.
TITLE OF INVENTION: CANCER SUSCEPTIBILITY MUTATIONS OF BRCA1
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:

ADDRESSER: Oncormed, Inc.
STREET: 205 Perry Parkway
CITY: Gaithersburg
STATE: MD
COUNTRY: USA
ZIP: 20877
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,706
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: TARCA, John B.
REGISTRATION NUMBER: 33,638
REFERENCE/DOCKET NUMBER: PA-0108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-208-1888
TELEFAX: 301-926-6125
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PROBE"
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
STRAIN: BRCA1
US-08-988-706-54

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 775 AAGTGAACGGGCT 788
| | | | | | | | | | | | | | | | | | | | |
Db 1 AAGAGAACGGGCT 14

RESULT 300
US-08-584-040-2118/c
Sequence 2118, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2118:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2118

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1548 CCTGATGACATCAG 1561
Db 15 CCTGCTGACATCAG 2

RESULT 301
US-08-584-040-4003/C
Sequence 4003, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISRASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4003:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4003

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 235 TCGAAGAGATCCC 248
Db 17 TCGAAGAGATCAG 4

RESULT 302
US-09-474-432B-786/C
Sequence 786, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Belgelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpelshy, Alex
APPLICANT: Adams, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 786
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-786

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1554 GACATCAGCTCCA 1567
Db 17 GTCATCAGCTCCA 4

RESULT 303
US-09-371-772B-663/C
Sequence 663, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 663
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-663
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1548 CCTGATGACATCAG 1561
DB      15   CCTGCTGACATCAG 2
```

```

RESULT 304
US-09-371-772B-1770/C
; Sequence 1770, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSIWigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1770
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1770
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      235 TGAAGAGAGATCCC 248
DB      17   TGAAGAGAGATCAG 4
```

```

RESULT 305
US-09-371-772B-4983/C
; Sequence 4983, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSIWigen, Jim
; APPLICANT: Stinchcomb, Dan
```

```

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4983
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4983
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1548 CCTGATGACATCAG 1561
DB      14   CCTGCTGACATCAG 1
```

```

RESULT 306
US-09-371-772B-6425/C
; Sequence 6425, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSIWigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6425
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6425
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      231 CATGTGAAGAGAGA 244
DB      14   CACTGTGAAGAGAGA 1
```

```

RESULT 307
US-09-371-772B-6851
; Sequence 6851, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSIWigen, Jim
; APPLICANT: Stinchcomb, Dan
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371, 772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584, 040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 6851
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6851

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1544 AATCCCTGATGACA 1557
DB 4 AAUCCCAAGAGACA 17

RESULT 308
US-09-371-772B-6852
Sequence 6852, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371, 772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584, 040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 6852
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6852

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1544 AATCCCTGATGACA 1557
DB 3 AAUCCCAAGAGACA 16

RESULT 309
PCT-US92-06821A-26/c
Sequence 26, Application PC/TUS9206821A
GENERAL INFORMATION:
APPLICANT: Shah, Uytobana S.
APPLICANT: Nietupski, Raymond M.
APPLICANT: Liu, Jing
TITLE OF INVENTION: Oligonucleotides Complementary to
TITLE OF INVENTION: Mycobacterial Nucleic Acids
NUMBER OF SEQUENCES: 133
CORRESPONDENCE ADDRESS:

ADDRESSEE: Amoco Corporation
STREET: 200 East Randolph Drive, P.O. Box 87703
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06821A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/744, 282
FILING DATE: 13-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Galloway, Norval B.
REGISTRATION NUMBER: 33,595
REFERENCE/DOCKET NUMBER: CN 5851
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-856-7180
TELEFAX: 312-856-4972
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
PCT-US92-06821A-26

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1041 GGAGCTGGAATTC 1054
DB 17 GGAGACTGGAAATTC 4

RESULT 310
US-08-033-072-3
Sequence 3, Application US/08033072
Patent No. 5314809
GENERAL INFORMATION:
APPLICANT: Henry A. Erlich
APPLICANT: Russell G. Higuchi
TITLE OF INVENTION: Improved Methods for Nucleic Acid
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/033, 072
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/718, 576
ATTORNEY/AGENT INFORMATION:
NAME: Stacey R. Siab, Ph.D.
REGISTRATION NUMBER: 32,630

REFERENCE/DOCKET NUMBER: 2607
TELEPHONE: (415) 420-1197
TELEFAX: (415) 658-5239
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
US-08-033-072-3

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCCTGTCATCTGCC 1456
|||||
Db 1 GGTCCCTGTCATCTATGTC 17

RESULT 311
US-07-752-101A-24
Sequence 24, Application US/07752101A
Patent No. 5326857
GENERAL INFORMATION:
APPLICANT: Yamamoto, Pumi-ichiro
APPLICANT: White, Thayer
APPLICANT: Hakomori, Sen-itirch
APPLICANT: Clausen, Henrik
TITLE OF INVENTION: ABO GENOTYPING
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: U.S.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07752.101A
FILING DATE: 19910829
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 150036.406C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-622-4900
TELEFAX: 206-682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
US-07-752-101A-24

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1212 CATGAAGTCTGTGTA 1228
|||||
Db 1 CCTGAAGTCTGTGTA 17

RESULT 312
US-08-379-081B-176
Sequence 176, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379.081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to tRNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Blastomyces dermatitidis
IMMEDIATE SOURCE:
CLONE: BLODA
US-08-379-081B-176

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
|||||
Db 1 TCCTGGGAGAGCCCATG 17

RESULT 313
US-08-379-081B-193
Sequence 193, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA

COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Avian influenza
IMMEDIATE SOURCE:
CLONE: FLAHA5
US-08-379-081B-193

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
DB 1 TCCTGGGAACCCCATG 17

RESULT 314
US-08-390-850-525/c
Sequence 525, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Diaper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: NO. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 525:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-525

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 AGATCTGAGGCGCAG 315
DB 17 AGATCCTGGAGGAGCAG 1

RESULT 315
US-08-379-078-176
Sequence 176, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsunashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CF2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA

HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Blastomyces dermatitidis
IMMEDIATE SOURCE:
CLONE: BLODA
US-08-379-078-176

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
DB 1 TCCTGGGAAGCCCATG 17

RESULT 316
US-08-379-078-193
Sequence 193, Application US/08379078
Patent No. 5639612

GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502

INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULAR TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Avian Influenza
IMMEDIATE SOURCE:
CLONE: FLA95
US-08-379-078-193

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
DB 1 TCCTGGGAAGCCCATG 17

DB 1 TCCTGGGAAGCCCATG 17

RESULT 317
US-08-373-124A-1393
Sequence 1393, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1393:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1393

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 652 TTTCAGGAGATGTTCC 668
DB 1 UCUCGAGCAGCAGUCC 17

RESULT 318
US-08-373-124A-1417/C
Sequence 1417, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.

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      APPLICANT: Draper, Kenneth
      APPLICANT: McSwigen, James
      TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
      TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
      TITLE OF INVENTION: CANCER USING RIBOZYMES
      NUMBER OF SEQUENCES: 2627
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: Lyon & Lyon
      STREET: 633 West Fifth Street
      CITY: Suite 4700
      STATE: Los Angeles
      COUNTRY: California
      ZIP: 90071
      COMPUTER READABLE FORM:
      MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
      MEDIUM TYPE: storage
      OPERATING SYSTEM: IBM P.C. DOS 5.0
      SOFTWARE: Word Perfect 5.1
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/373,124A
      FILING DATE: January 13, 1995
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/245,466
      FILING DATE: May 18, 1994
      APPLICATION NUMBER: 08/192,943
      FILING DATE: February 7, 1994
      APPLICATION NUMBER: 07/987,132
      FILING DATE: December 7, 1992
      APPLICATION NUMBER: 07/936,422
      FILING DATE: August 26, 1992
      ATTORNEY/AGENT INFORMATION:
      NAME: Warburg, Richard
      REGISTRATION NUMBER: 32,327
      REFERENCE/DOCKET NUMBER: 209/035
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (213) 489-1600
      TELEFAX: (213) 955-0440
      TELEX: 67-3510
      INFORMATION FOR SEQ ID NO: 1417:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 17 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      US-08-373-124A-1417

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      785 GGCTGAGCAAGTTGAC 801
DB      17 GGCTGAGGAGCGTTGAC 1

RESULT 319
US-08-373-124A-1583
Sequence 1583, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Scinichcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
```

```

      STREET: 633 West Fifth Street
      STREET: Suite 4700
      CITY: Los Angeles
      STATE: California
      COUNTRY: U.S.A.
      ZIP: 90071
      COMPUTER READABLE FORM:
      MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
      MEDIUM TYPE: storage
      OPERATING SYSTEM: IBM P.C. DOS 5.0
      SOFTWARE: Word Perfect 5.1
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/373,124A
      FILING DATE: January 13, 1995
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/245,466
      FILING DATE: May 18, 1994
      APPLICATION NUMBER: 08/192,943
      FILING DATE: February 7, 1994
      APPLICATION NUMBER: 07/987,132
      FILING DATE: December 7, 1992
      APPLICATION NUMBER: 07/936,422
      FILING DATE: August 26, 1992
      ATTORNEY/AGENT INFORMATION:
      NAME: Warburg, Richard
      REGISTRATION NUMBER: 32,327
      REFERENCE/DOCKET NUMBER: 209/035
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (213) 489-1600
      TELEFAX: (213) 955-0440
      TELEX: 67-3510
      INFORMATION FOR SEQ ID NO: 1583:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 17 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      US-08-373-124A-1583

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      525 CATGACCTGAAGCTCA 541
DB      1 CAUGCCCTGACGACUCA 17

RESULT 320
US-08-373-124A-1687/C
Sequence 1687, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Scinichcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
```

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1687:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1687

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 486 CCTGCTCTTGGGTGGCG 502
Db 17 CCTGCTTGGTACGG 1

RESULT 321
US-08-373-124A-1979
Sequence 1979, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1979:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1979

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 601 GAGATCATGTGGGCTA 617
Db 1 GAGCUCATUUUGGCGCA 17

RESULT 322
US-08-435-634-525/c
Sequence 525, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 525:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-525

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 299 AGATCCTGAGGCGGAG 315
DB 17 AGATCCTGAGGCGGAG 1

RESULT 323
US-08-758-306-591
Sequence 591, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 591:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-591

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 1295 TGATCTGCGGCTGCTC 1311
DB 1 UAGUCUCUACGUCGUC 17

RESULT 324
US-08-758-306-595
Sequence 595, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 595:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-595

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 609 GTGGGGCTACAGAGACC 625
DB 1 GUGAGAGUCCAGAGUCC 17

RESULT 325
US-08-758-306-919/c
Sequence 919, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLES OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 919:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-919

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1523 AGGCATTCAGGCCTAT 1539
DB 17 AGGCCAGTAAAGGCCTA 1

RESULT 326
US-08-758-306-921/c
Sequence 921. Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLES OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 921:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-921

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 GAGGCATTCAGGCCTA 1538
DB 17 GAGGCCAGTAAAGGCCTA 1

RESULT 327
US-08-435-628-1393
Sequence 1393. Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLES OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1393:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1393

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 652 TTTCGAGCAGTGTCCC 668
:|||||:|||||
Db 1 UCUCGAGCAGCUCUCC 17

RESULT 328
US-08-435-628-1417/c
Sequence 1417, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1417

FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1417

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 785 GGCTGAGCAGCTTGAC 801
|||||:|||||
Db 17 GGCTGAGCAGCTTGAC 1

RESULT 329
US-08-435-628-1583
Sequence 1583, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1583:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1583

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGCACTCA 541
DB 1 CAGGCCCTGACCTCA 17

RESULT 330
US-08-435-628-1687/C
Sequence 1687, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1687:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1687

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CCGTCTCTGCGCGG 502
DB 17 CCGTCTCTGCGCGG 1

RESULT 331
US-08-435-628-1979
Sequence 1979, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1979:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1979

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGATCATGTGGGCGCTA 617
DB 1 GAGCCUACUUGGCGCUA 17

RESULT 332
US-08-132-990A-17/c
; Sequence 17, Application US/08132990A
; Patent No. 5834589
; GENERAL INFORMATION:
; APPLICANT: MERUELO, DANIEL
; APPLICANT: YOSHIMOTO, TAKAYUKI
; TITLE OF INVENTION: Human Retrovirus Receptor and DNA Coding Therefor
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Penmie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/132,990A
; FILING DATE: 07-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/084,729
; FILING DATE: 29-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05569
; FILING DATE: 11-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/899,075
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/806,178
; FILING DATE: 13-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/627,950
; FILING DATE: 14-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Marrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 8105-004-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66441 PENNTE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-132-990A-17

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 TTGAAGCATCCCCCACC 963
DB 17 TTGACTGCATCGCCACC 1

RESULT 333
US-08-292-620A-1999
; Sequence 1999, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grilum
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggan
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1999:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1999

two

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTAGCTCTCTGCGC 1418
DB 1 CAGUACUUCGCCACGAC 17

RESULT 334
US-08-227-180B-22
; Sequence 22, Application US/08227180B
; Patent No. 5866698
; GENERAL INFORMATION:

APPLICANT: Ecker et al.
TITLE OF INVENTION: Modulation of Gene Expression
TITLE OF INVENTION: Through Interference with RNA Secondary Structure
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,180B
FILING DATE: April 13, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/518,929
FILING DATE: May 4, 1990
APPLICATION NUMBER: PCT/US91/02588
FILING DATE: April 15, 1991
APPLICATION NUMBER: 07/801,168
FILING DATE: No. 586699ember 20, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SIS-1420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-227-180B-22

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 TGACTGGCTGCACCT 1158
DB 1 TGCTGGCTGTACCGT 17

RESULT 335
US-08-912-129A-44
Sequence 44, Application US/08912129A
Patent No. 5922533
GENERAL INFORMATION:
APPLICANT: VALLARI, ANADRUZELA S.
APPLICANT: HACKERT, JOHN JR.
APPLICANT: HICKMAN, ROBERT K.
APPLICANT: VARITER, VINCENT A. JR.
APPLICANT: NECKLAW, ELIZABETH A.
APPLICANT: GOLDEN, ALAN M.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: DEVAR, SUSHIL G
TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSER: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA

ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Danckert, Andreas M.
REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 6109.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
INDEX:
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-129A-44

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 359 CCAGGCACAAAGCAAC 375
DB 1 CCAGGCACAGCAGAAC 17

RESULT 336
US-07-695-201B-14
Sequence 14, Application US/07695201B
Patent No. 5994056
GENERAL INFORMATION:
APPLICANT: Hignuchi, Russell H.
TITLE OF INVENTION: Homogeneous Methods for Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,201B
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Slas, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 2599
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3197
TELEFAX: (415) 658-5239
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-695-201B-14

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1440 GATCCCTGTCATCTGCC 1456
|||||
Db 1 GATCCCTGTCATCTATCTC 17

RESULT 337
US-08-826-532-6/c
Sequence 6, Application US/08826532B
Patent No. 6027923
GENERAL INFORMATION:
APPLICANT: Wallace, Robert B.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-102P
CURRENT APPLICATION NUMBER: US/08/826,532B
EARLIER FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)
OTHER INFORMATION: "non-replicable element"-atag
US-08-826-532-6

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1001 GGTGATCTACCCACC 1017
|||||
Db 17 GGTCTATTTCACACC 1

RESULT 338
US-08-985-162-171/c
Sequence 171, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Felli, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELFX: 67-3510
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-171

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1529 TTCAGGCTTATCTGAA 1545
|||||
Db 17 TTCAGGCTTATCTGAA 1

RESULT 339
US-08-985-162-330/c
Sequence 330, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Felli, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 330:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-330

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1552 ATGACATGAGCTCCCAA 1568
DB 17 AGGTCAATCACTCCCAA 1

RESULT 340
US-08-985-162-363/C
Sequence 363, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-363

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 665 TCCCTTCAAGACAG 681
DB 17 TCCCTTCAAGACAG 1

RESULT 341
US-08-985-162-586
Sequence 586, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 586:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-586

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 647 AGTACTTCCAGGATG 663
DB 1 AGUGGUUCCAGUCAG 17

RESULT 342
US-08-985-162-593
Sequence 593, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia

APPLICANT: MCSWIGGEN, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
OF DISEASES OR CONDITIONS RELATED
TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 593:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-593
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 2.4e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;
OY 1087 TTGTTCTCTCCATCC 1103
DB 1 UUGUUGUCUUCUUC 17
RESULT 343
US-08-538-666-23
Sequence 23, Application US/08538666
Patent No. 6103465
GENERAL INFORMATION:
APPLICANT: Leslie Johnson-Dow, Robert B. Chadwick, Peter Parham
TITLE OF INVENTION: Method and reagents for typing HLA class I genes
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division
STREET: 850 Lincoln Centre Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.10/DOS 6.20
SOFTWARE: Microsoft Word for Windows, vers. 6.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/538,666
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Grossman
REGISTRATION NUMBER: 36,537
REFERENCE/DOCKET NUMBER: 4259C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 638-5846
TELEFAX: (415) 638-6071
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-538-666-23
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1305 GCTGCTCTGTTGCAG 1321
DB 1 GCTGCTCTGGGGGCGAG 17
RESULT 344
US-09-071-845-1999
Sequence 1999, Application US/09071845
Patent No. 6132867
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James MCSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1999:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1999

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGTCTCTCTGCGC 1418
DB 1 CAGUACUUCGCCCGAGGC 17

RESULT 345
US-08-470-532-14
Sequence 14, Application US/08470532
Patent No. 6171785
GENERAL INFORMATION:
APPLICANT: Higuchi, Russell H.
TITLE OF INVENTION: Homogeneous Methods for Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSER: Hoffmann-La Roche Inc.
CITY: Nutley
STATE: New Jersey
COUNTRY: USA
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,532
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Siab, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 9012A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
US-08-470-532-14

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCCTGTCTATGTC 1456
DB 1 GGTCCCTGTCTATGTC 17

RESULT 346
US-09-091-590A-20
Sequence 20, Application US/09091590A
Patent No. 6242574
GENERAL INFORMATION:
APPLICANT: Nielsen, Klaus
APPLICANT: Kroll Kristensen, Anne
APPLICANT: Brunstedt, Janne
TITLE OF INVENTION: Anti-Microbial Proteins
FILE REFERENCE: S-137-1101/MA/A/SGS/PCT
CURRENT APPLICATION NUMBER: US/09/091,590A
CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/EP96/05765
PRIOR FILING DATE: 1996-12-20
PRIOR APPLICATION NUMBER: GB 9526238.2
PRIOR FILING DATE: 1995-12-21
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.0
SEQ ID NO 20
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial/Unknown
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(17)
OTHER INFORMATION: primer
NAME/KEY: misc feature
LOCATION: (1)..(17)
OTHER INFORMATION: n = a, c, g, or g
US-09-091-590A-20

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 904 GCCTGCCGATCCATGAA 920
DB 1 GCCTGTCGTCATGAA 17

RESULT 347
US-09-228-324A-6/c
Sequence 6, Application US/09228324A
Patent No. 6335184
GENERAL INFORMATION:
APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Ugozzoli, Luis A.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-103P
CURRENT APPLICATION NUMBER: US/09/228,324A
CURRENT FILING DATE: 1999-01-11
PRIOR APPLICATION NUMBER: US 08/826,532
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (17)
OTHER INFORMATION: "non-replicable element"-atag
US-09-228-324A-6

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1001 GGTCCATCTACCCACCC 1017
DB 17 GGTCTATTTCACACCC 1

RESULT 348
US-08-584-040-1807
Sequence 1807, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1807:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1807

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 659 GCAGTTCCTCCCTTCAAG 675
|||:|||||
DB 1 GAAGGDUUCCGCAAG 17

RESULT 349
US-08-584-040-2415/c
Sequence 2415, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2415:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2415

TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2415:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2415

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCCAGTCCAC 450
|||:|||||
DB 17 AGCGATCCAGGCCAC 1

RESULT 350
US-08-584-040-2440/c
Sequence 2440, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2440:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2440

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGCCAC 450
DB 17 ACCGATCCAGGCCAC 1

RESULT 351
US-08-584-040-2624/c
Sequence 2624, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Racabedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2624:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2624

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAAGTACTT 654
DB 17 TAATGACAGCACTT 1

RESULT 352
US-08-584-040-2883/c
Sequence 2883, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Racabedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2883:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2883

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1504 AAGGCTCAAGATTA 1520
Db 17 ACGGCTCAAGAGAA 1

RESULT 353
US-08-584-040-5588/c
; Sequence 5588, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: MCSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5588:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5588

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 229 AACATGCGAAGAGAT 245
||| |||||

Db 17 ATCACTGGAAGAGAT 1

RESULT 354
US-08-584-040-7697
; Sequence 7697, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: MCSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7697:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7697

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1444 CCTGTCATCGCCAAAT 1460
Db 1 CCGAAGUCUACCAAU 17
||| |||

RESULT 355
US-08-584-040-7780/c
; Sequence 7780, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: MCSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime


```

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7780:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-7780
;
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 739 GGGGTCAGAACTCG 755
DB 17 GGGGTCAGAACTCG 1

RESULT 356
US-08-584-040-7933
; Sequence 7933, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7933:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-7933
;
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 790 AGGAGTGCCTCG 806
DB 1 AGGAGTGCCTCG 17

RESULT 357
US-08-679-645-87
; Sequence 87, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwigen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-87

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1237 CTGAGCCTCTACATGAA 1253
DB 1 CTGAGCCTCTACATGAA 17

RESULT 358
US-09-593-012-130
Sequence 130, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND=1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 130
LENGTH: 17
TYPE: DNA
ORGANISM: Penicillium corylophilum
US-09-593-012-130

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GTTCATCTACCCACCA 1018
DB 1 GTTCATCTACCCACCA 17

RESULT 359
US-09-527-030G-110
Sequence 110, Application US/09527030G
Patent No. 6482588
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
TITLE OF INVENTION: specific reverse hybridization.

FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-110

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 AATGAACTTGTGGCA 848
DB 1 AATGAACTTGTGGCA 17

RESULT 360
US-09-474-432B-394/C
Sequence 394, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpelisky, Alex
APPLICANT: Adams, Jaseenka
APPLICANT: Swedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 394
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-394

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCACTGACAGTTTCAG 1079
DB 17 AGCACTGACAGTTTCAG 1

RESULT 361
US-09-474-432B-491
Sequence 491, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber

```
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MBH800-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ PRIOR FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 491
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-491
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 394 GACACCGTCTCTTCT 410
DB 1 GCCAGCCUGCCUCCU 17
```

```
RESULT 362
US-09-474-432B-515/c
/ Sequence 515, Application US/09/474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MBH800-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ PRIOR FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 515
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-515
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1265 GCATTGACAAACGCG 1281
DB 17 GCATTGACAAACGCG 1
```

```
RESULT 363
US-09-760-139-22/c
/ Sequence 22, Application US/09760139
/ Patent No. 6548274
/ GENERAL INFORMATION:
/ APPLICANT: Yaver, Debbie S.
/ APPLICANT: Bellini, Daniel A.
/ TITLE OF INVENTION: Methods For Producing A Polypeptide
/ FILE REFERENCE: 5966,200-US
/ CURRENT APPLICATION NUMBER: US/09/760,139
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 09/482,751
/ PRIOR FILING DATE: 2000-01-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 22
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Aspergillus oryzae
US-09-760-139-22
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 974 TGCTCCCAACCCG 990
DB 17 TCTCTCCGCAACCTG 1
```

```
RESULT 364
US-09-371-772B-352
/ Sequence 352, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH800,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 352
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-352
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 659 GCATGTCCTCCG 675
DB 1 GAAGUUCUCCUGCAG 17
```

```
RESULT 365
US-09-371-772B-960/c
/ Sequence 960, Application US/09371772B
/ Patent No. 6566127
```

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 960
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-960

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCAAGTCCAC 450
DB 17 AGCGATCCAAGCCAC 1

RESULT 366
US-09-371-772B-1148/C
Sequence 1148, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1148
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1148

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAACAAGTACTT 654
DB 17 TAATGAACAAGCACTT 1

RESULT 367
US-09-371-772B-1407/C
Sequence 1407, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1407
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1407

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 AAGGCTCAAGATTA 1520
DB 17 ACGGTTCAAGAGAA 1

RESULT 368
US-09-371-772B-2478/C
Sequence 2478, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2478
LENGTH: 17
TYPE: RNA
ORGANISM: Mus BD.
US-09-371-772B-2478

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 229 AACATGTGAAGACAT 245
DB 17 ATCAATGAAGAGAT 1

RESULT 369
US-09-371-772B-3482
Sequence 3482, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.

```
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3482
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3482
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1444 CCTGTCATCTGCCAAT 1460
Db 1 CCUGAAUUCUACCAAU 17
```

```
RESULT 370
US-09-371-772B-3564/C
/ Sequence 3564, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3564
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3564
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 739 GGGGTCAGAACATCAG 755
Db 17 GGGGTCAGAACATCAG 1
```

```
RESULT 371
US-09-371-772B-3716
/ Sequence 3716, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
```

```
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3716
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3716
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 790 AGCAGGTGACTCTG 806
Db 1 AGUAGGUUCCUACUG 17
```

```
RESULT 372
US-09-371-772B-4233/C
/ Sequence 4233, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4233
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-4233
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1134 AGACGGTGCATGCC 1150
Db 17 AGATGCACTGCTGCC 1
```

```
RESULT 373
US-09-371-772B-4610/C
/ Sequence 4610, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
```

```
APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4610
```

```
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1432 CTGCTGCTGCTGCTGCTG 1448
DB      17  CTGCTGATGCGCCACTGT 1
```

```
RESULT 374
US-09-371-772B-4768
; Sequence 4768, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4768
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4768
```

```
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      260 ATCTCTCGCTACTTC 276
DB      1  AUCUCUCAACUACUCC 17
```

```
RESULT 375
US-09-371-772B-4851
; Sequence 4851, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4851
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4851
```

```
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      365 ACAAAAGCAACATCACC 381
DB      1  ACAAAAUCAACAGCACC 17
```

```
RESULT 376
US-09-371-772B-4885/C
; Sequence 4885, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH800, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4885
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4885
```

```
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      815 ATCAAGTCAACATGATC 831
DB      17  ACAGAGCCAGATGATC 1
```

```
RESULT 377
US-09-371-772B-4900
; Sequence 4900, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MBBH00, 876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4900
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-4900

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 915 CATGAGCTAATGTACA 931
Db 1 CUUAGGAAAGUACA 17

RESULT 378
US-09-371-772B-5120/C
; Sequence 5120, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5120

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1569 GGCGTCGTGCTGCAGG 1585
Db 17 GGGTTTGGCGTGCAGG 1

RESULT 379
US-09-371-772B-6947/C
; Sequence 6947, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;; FILE REFERENCE: MBBH00, 876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 6947
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-6947

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1425 CTGCTCTGCTGCTGCG 1441
Db 17 CTACTTCTGCTGCTGCG 1

RESULT 380
US-08-584-040-4495/C
; Sequence 4495, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Plitch Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4495:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4495

Query Match
Best Local Similarity 82.4%; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTGACTCTGGCATT 811
DB 17 GGTGTCATCTGGCATT 1

RESULT 381
US-09-371-772B-2208/c
; Sequence 2208, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 2208
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2208

Query Match
Best Local Similarity 82.4%; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTGACTCTGGCATT 811
DB 17 GGTGTCATCTGGCATT 1

RESULT 382
US-09-474-432B-175/c
; Sequence 175, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burdin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent version 3.0
; SEQ ID NO 175
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-175

Query Match
Best Local Similarity 100.0%; DB 1; Length 13;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1556 CATGACTCCCA 1567
DB 13 CATGACTCCCA 2

RESULT 383
US-08-050-073-151
; Sequence 151, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Krilich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Schart, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
US-08-050-073-151

Query Match
Best Local Similarity 100.0%; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1318 GCAGAGCGCG 1329
DB 3 GCAGAGCGCG 14
```


RESULT 384
US-09-081-646-318/c
; Sequence 318, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; EARLIER FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 318
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-318

Query Match 0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 TTCACACACAC 393
DB 15 TTCACACACAC 4

RESULT 385
US-09-474-432B-176/c
; Sequence 176, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudy, Amber
; APPLICANT: Karpelisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474.432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064.866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084.727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186.675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301.511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent version 3.0
; SEQ ID NO 176
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-176

Query Match 0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1556 CATCAGCTCCCA 1567
DB 14 CATCAGCTCCCA 3

RESULT 386
US-07-988-194A-30/c
; Sequence 30, Application US/07988194A
; Patent No. 5359046
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Welles, Arthur
; APPLICANT: Irving, Brian A.
; APPLICANT: Roberts, Margo R.
; APPLICANT: Zeebo, Kristina
; TITLE OF INVENTION: Chimeric Chains for Receptor
; TITLE OF INVENTION: Associated Signal Transduction Pathways
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Flehr, Hobbach, Test, Albritton &
; ADDRESSER: Herbert
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/988.194A
; FILING DATE: December 9, 1992
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-07-988-194A-30

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTTCAAGACAA 680
DB 15 CTTCAAGACAA 4

RESULT 387
US-08-486-962-13
; Sequence 13, Application US/08486962
; Patent No. 5763172
; GENERAL INFORMATION:
; APPLICANT: Magda, Darren
; APPLICANT: Sessler, Jonathan L.
; APPLICANT: Wright, Meredith
; APPLICANT: Rose, Kevin L.
; APPLICANT: Miller, Richard A.
; APPLICANT: Dow, William C.
; APPLICANT: Kral, Vladimir A.
; APPLICANT: Smith, Daniel A.
; TITLE OF INVENTION: METHOD OF PHOSPHATE ESTER HYDROLYSIS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:

ADDRESSER: Pharmacycles, Inc.
STREET: 995 E. Argues Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: USA
ZIP: 94086-4521
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,962
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY:053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 774-0330
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-486-962-13

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1482 TTTATTTTGAG 1493
DB 1 TTTATTTTGAG 12

RESULT 388
US-09-156-856-9
Sequence 9, Application US/09156856A
Patent No. 6221591
GENERAL INFORMATION:
APPLICANT: Aerts, Johannes M.
TITLE OF INVENTION: Determination of a genetic risk factor for infection
TITLE OF INVENTION: and other diseases, and detection of activated
FILE REFERENCE: Sequence 1-20
Patent No. 6221591
CURRENT APPLICATION NUMBER: US/09/156,856A
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-09-156-856-9

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1325 GCGGGGCCATCG 1336
DB 2 GCGGGGCCATCG 13

RESULT 389
US-08-479-737-30/c

Sequence 30, Application US/08479737
Patent No. 6319494
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J
Weiss, Arthur
Irving, Brian A
Roberts, Margo R
Zeebo, Krisztina
TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED
SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: CELL GENESYS, INC.
STREET: 322 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,737
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,405
FILING DATE: 05-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, Saralynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: Cell 5.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-0803
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-08-479-737-30

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 669 CTTGAGGACAA 680
DB 15 CTTGAGGACAA 4

RESULT 390
US-08-475-442A-30/c
Sequence 30, Application US/08475442A
Patent No. 6407221
GENERAL INFORMATION:
APPLICANT: CAPON, DANIEL J
APPLICANT: WEISS, ARTHUR
APPLICANT: IRVING, BRIAN A
APPLICANT: ROBERTS, MARGO R
APPLICANT: ZEEBO, KRISZTINA
TITLE OF INVENTION: CHIMERIC CHAINS FOR
RECEPTOR-ASSOCIATED SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY

STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,442A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,405
FILING DATE: 05-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,194
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/627,643
FILING DATE: 14-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/09431
FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELLS.5
TELEPHONE: (415)358-9600x131
TELEFAX: (415)349-7392
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-475-442A-30

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 CTTCAAGACAA 680
|||
Db 15 CTTCAAGACAA 4

RESULT 391
US-09-371-772B-5795
Sequence 5795, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5795
LENGTH: 16
TYPE: RNA

ORGANISM: Homo sapiens
US-09-371-772B-5795

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1567 AAGGCGCTGTG 1578
|||||
Db 2 AAGGCGCTGTG 13

RESULT 392
PCT-US94-06284-13
Sequence 13, Application PC/TUS9406284
GENERAL INFORMATION:
APPLICANT:
APPLICANT: NAME: BOARD OF REGENTS, THE UNIVERSITY OF TEXAS
APPLICANT: SYSTEM
APPLICANT: STREET: 201 West 7th Street
APPLICANT: CITY: Austin
APPLICANT: STATE: Texas
APPLICANT: COUNTRY: United States of America
APPLICANT: POSTAL CODE: 78701
APPLICANT: TELEPHONE NO: (512)499-4462
APPLICANT: TELEFAX: (512)499-4523
APPLICANT: STREET: 995 East Arques Ave.
APPLICANT: CITY: Sunnyvale
APPLICANT: STATE: California
APPLICANT: COUNTRY: United States of America
APPLICANT: POSTAL CODE: 94086-4593
APPLICANT: TELEPHONE NO: (408)774-0330
APPLICANT: TELEFAX: (408)774-0340
TITLE OF INVENTION: TEXAPHYRIN METAL COMPLEX
TITLE OF INVENTION: MEDIATED ESTER HYDROLYSIS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06284
FILING DATE: CONCURRENTLY HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/075,123
FILING DATE: 09 JUNE 1993 (09.06.93)
CLASSIFICATION:
APPLICATION NUMBER: USSN 08/227,370
FILING DATE: 14 APRIL 1994 (14.04.94)
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTB870P--
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/320-7200
TELEFAX: 713/789-2679
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

PCT-US94-06284-13

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1482 TTTATTTGAG 1493
DB 1 TTTATTTGAG 12

RESULT 393

US-08-782-047-24/C
; Sequence 24, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSES: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/760,246
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: No. 5795726ember 15, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: No. 5795726ember 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIQ-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA

US-08-782-047-24

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGAG 1073
DB 13 CAGCAGCTGAG 2

RESULT 394
US-08-749-431A-21/C
; Sequence 21, Application US/08749431A

; Patent No. 5800998
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
; TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HONG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,431A
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"

US-08-749-431A-21

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGAG 1073
DB 13 CAGCAGCTGAG 2

RESULT 395

US-08-924-870A-24/C
; Sequence 24, Application US/08924870A
; Patent No. 6143491
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HONG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/924,870A
; FILING DATE: 05-SEP-1997
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLSCUR TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-24

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGCGAG 1073
DB 13 CAGCAGCTGCGAG 2

RESULT 396
US-08-584-040-1853
Sequence 1853, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1853:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1853

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1567 AAGGCTCTGTG 1578
DB 2 AAGGCTCTGTG 13

RESULT 397
US-08-584-040-6002
Sequence 6002, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6002:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6002

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 452 GCTCGGAGGCG 463
Db 6 GCTCGGAGGCG 17

RESULT 398

US-08-679-645-711
; Sequence 711, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwigen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 711:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-711

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Mismatches 3; Indels 0; Gaps 0;

QY 1544 AATCCGTGATGA 1555
Db 6 AAUCCGGAUGA 17

RESULT 399

US-09-005-298-12
; Sequence 12, Application US/09005298
; Patent No. 6365392
; GENERAL INFORMATION:
; APPLICANT: Trilpp, Cynthia A.
; APPLICANT: Mienewski, Nancy
; APPLICANT: Grieve, Robert B.
; APPLICANT: Frank, Glenn R.
; TITLE OF INVENTION: NOVEL FILARIID NEMATODE CYSTEINE
; TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross P.C.
; STREET: 1700 Lincoln Street, Suite 3500
; CITY: Denver
; STATE: Colorado
; COUNTRY: U.S.A.
; ZIP: 80203

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,298
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/768,619
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Connell, Gary J.
; REGISTRATION NUMBER: 32,020
; REFERENCE/DOCKET NUMBER: 2618-33-C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..17
; OTHER INFORMATION: /label= primer
; US-09-005-298-12

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 660 CATGTCCTT 671
Db 1 CATGTCCTT 12

RESULT 400
US-09-005-298-13
; Sequence 13, Application US/09005298
; Patent No. 6365392
; GENERAL INFORMATION:
; APPLICANT: Trilpp, Cynthia A.
; APPLICANT: Mienewski, Nancy
; APPLICANT: Grieve, Robert B.
; APPLICANT: Frank, Glenn R.
; TITLE OF INVENTION: NOVEL FILARIID NEMATODE CYSTEINE
; TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross P.C.

```
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,298
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/768,619
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
US-09-005-298-13

Query Match      0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      660 CATGTTCCCTT 671
      |||
      1 CATGTTCCCTT 12

Db

RESULT 401
US-08-768-619-12
Sequence 12, Application US/08768619
Patent No. 6419923
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
APPLICANT: Grievie, Robert B.
APPLICANT: Frank, Glenn R.
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/768,619
FILING DATE:
```

```
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
US-08-768-619-12

Query Match      0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      660 CATGTTCCCTT 671
      |||
      1 CATGTTCCCTT 12

Db

RESULT 402
US-08-768-619-13
Sequence 13, Application US/08768619
Patent No. 6419923
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
APPLICANT: Grievie, Robert B.
APPLICANT: Frank, Glenn R.
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/768,619
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
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```

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..17
; OTHER INFORMATION: /label= primer
US-08-768-619-13
```

```

Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      660 CATGTTCCCTT 671
Db      1 CATGTTCCCTT 12
```

```

RESULT 403
US-09-371-772B-398
; Sequence 398, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 398
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-398
```

```

Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1567 AAGGCTCTGTG 1578
Db      2 AAGGCTCTGTG 13
```

```

RESULT 404
US-09-371-772B-2839
; Sequence 2839, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
```

```

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 2839
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2839
```

```

Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      452 GCTCGAGAGCG 463
Db      6 GCTCGAGAGCG 17
```

```

RESULT 405
US-09-371-772B-4655
; Sequence 4655, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 4655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4655
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```

Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1567 AAGGCTCTGTG 1578
Db      3 AAGGCTCTGTG 14
```

```

RESULT 406
US-09-371-772B-4656
; Sequence 4656, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
```


PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4656
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-7728-4656

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1567 AAGGCTCTGTG 1578
DB 1 AAGGCTCTGTG 12

RESULT 407
PCT-US96-09848-12
Sequence 12, Application PC/TUS9609848
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheridan Ross & McIntosh
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09848
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
PCT-US96-09848-12

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 660 CATGTTCCCTT 671
DB 1 CATGTTCCCTT 12

RESULT 408
PCT-US96-09848-13
Sequence 13, Application PC/TUS9609848
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheridan Ross & McIntosh
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09848
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
PCT-US96-09848-13

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 660 CATGTTCCCTT 671
DB 1 CATGTTCCCTT 12

RESULT 409
US-09-467-082-28
Sequence 28, Application US/09467082
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
FILE REFERENCE: RTS-0088
CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 28
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-082-28

Query Match 0.8%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAGACAGT 682
DB 1 GTTGTCTTGAAGAGAACT 20

RESULT 410

US-07-955-041-7
Sequence 7, Application US/07955041

Patent No. 5360733

GENERAL INFORMATION:

APPLICANT: FUKUDA, MINORU

APPLICANT: BIERHUIZEN, MARTI PA

TITLE OF INVENTION: A NOVEL BETAL-6

TITLE OF INVENTION: N-ACTIVGLUCOSAMINYLTANSFERASE, ITS ACCEPTOR MOLECULE,

TITLE OF INVENTION: LEUKOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING

TITLE OF INVENTION: ENZYMAIC ACTIVITY

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: CAMPBELL AND FLORES

STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700

CITY: SAN DIEGO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/955,041

FILING DATE: 19921001

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: CAMPBELL, CATRYN

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LJ 9294

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-535-9001

TELEFAX: 619-535-8949

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

FEATURES:

NAME/KEY: CDS

LOCATION: 1..15

OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION

OTHER INFORMATION: PROTEIN"

US-07-955-041-7

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 GGGAAATCCCATGAA 1217
DB 1 GGGAAATCCCATGAA 15

RESULT 411
US-07-860-925-24/C
Sequence 24, Application US/07860925

Patent No. 5457189

GENERAL INFORMATION:

APPLICANT: Crooke, Stanley T., Mirabelli,

APPLICANT: Christopher K., Ecker, David J., Coweatt, Lex M.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE

TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: WOODCOCK WASHBURN KURTZ

ADDRESSEE: MACKIEWICZ & NORRIS

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/860,925

FILING DATE: March 31, 1992

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US90/07067

FILING DATE: December 3, 1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 445,195

FILING DATE: December 4, 1989

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata, Esquire

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0285

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 15

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-07-860-925-24

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 AAGCGGTGACTGACC 1150
DB 15 AAGCGGTGACTGACC 1

RESULT 412

US-08-311-760A-55/C

Sequence 55, Application US/08311760A

Patent No. 5599706

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwiggen, James

APPLICANT: Newton, Roger S.

APPLICANT: Rambarack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LAYERS OF

TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY

TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
FILING DATE:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-55

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 TATGTGAGATTAAGC 523
Db 15 TGTGTGAGATTAAGC 1

RESULT 413
US-08-182-968A-124
Sequence 124, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-124

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 371 GCAACATCACTTCA 385
Db 1 GCAACCTCACCUGA 15

RESULT 414
US-08-182-968A-435/C
Sequence 435, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-435

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 GCTCGAGAGCACT 466
DB 15 GCTCGAGAGCACT 1

RESULT 415

US-08-319-492B-367/c
; Sequence 367, Application US/08319492B
; Patent No. 5616488

GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 367:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Two

US-08-319-492B-367

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCCA 1213
DB 15 TCATGGGAATCTCCA 1

RESULT 416

US-08-227-455-7

; Sequence 7, Application US/08227455
; Patent No. 5624832

GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LEUKOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,455
FILING DATE: 14-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHERYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9957
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:

NAME/KEY: CDS

LOCATION: 1..15

OTHER INFORMATION: /note="PROTEIN A - CGANT FUSION"

US-08-227-455-7

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 GCGAATCCCCATGAA 1217
DB 1 GCGAATCCCCCTGAA 15

RESULT 417

US-08-384-708A-138/c
; Sequence 138, Application US/08384708A
; Patent No. 5639868

GENERAL INFORMATION:

APPLICANT: Gold, Larry
APPLICANT: Janjic, Nebojsa
TITLE OF INVENTION: High-Affinity RNA ligands of Basic
TITLE OF INVENTION: Fibroblast Growth Factors
NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado

COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MG storage
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/364,708A
FILING DATE: 02-FEBRUARY-1995
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/195,005
FILING DATE: 10-FEBRUARY-1994
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX07/D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-384-708A-138
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 555 ATTGACGACCCGCG 569
Db 15 ACTGACGACCCGCG 1
RESULT 418
US-08-472-482-7
Sequence 7, Application US/08472482
Patent No. 5658778
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETA1-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LECTINOLIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,482
FILING DATE:
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/955,041
FILING DATE: 01-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - C3GNT FUSION"
US-08-472-482-7
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1203 GGAATCCCATGAA 1217
Db 1 GGAATTCCTCGAA 15
RESULT 419
US-08-291-932A-160/C
Sequence 160, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NR-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION DATA: including application
PRIORITY APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 160:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-160

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1035 GTGCGTGAAGTCTGG 1049
Db 15 GAGCGTGAAGCTGG 1

RESULT 420
US-08-334-215-24/C
Sequence 24, Application US/08334215
Patent No. 5681944
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T., Mirabelli,
APPLICANT: Christopher K., Eckert, David J., Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: INHIBITION OF PAPILLIOMAVIRUS
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESSEE: MACKIEWICZ & NORRIS
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,215
FILING DATE: 04-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 860,925
FILING DATE: March 31, 1992
APPLICATION NUMBER: PCT/US90/07067
FILING DATE: December 3, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 445,195
FILING DATE: December 4, 1989
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata, Esquire
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0285
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:

LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-334-215-24

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1136 AAGCGTGAAGTCTGC 1150
Db 15 AAGCGTGAAGTCTGC 1

RESULT 421
US-08-487-069-7
Sequence 7, Application US/08487069
Patent No. 5684134
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: ENZYMIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,069
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/955,041
FILING DATE: 01-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHERYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION
OTHER INFORMATION: PROTEIN"
US-08-487-069-7

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 GGAATCCCATGAA 1217
|||||
Db 1 GGAATCCCATGAA 15

RESULT 422

US-08-471-601-6/c
Sequence 6, Application US/08471601

Patent No. 5689049

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For

TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/471,601

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/351,899

FILING DATE: 08-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 33229/341/PIHI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)672-5300

TELEFAX: (202)672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-471-601-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 1.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCCAACGC 1118
|||||

Db 15 TCACCTCATCACTC 1

RESULT 423

US-08-474-556-6/c

Sequence 6, Application US/08474556

Patent No. 5689051

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For

TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSER: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/474,556

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/351,899

FILING DATE: 08-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 33229/329/PIHI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)672-5300

TELEFAX: (202)672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-474-556-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 1.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCCAACGC 1118
|||||

Db 15 TCACCTCATCACTC 1

RESULT 424

US-08-363-240A-141/c

Sequence 141, Application US/08363240A

Patent No. 5705388

GENERAL INFORMATION:

APPLICANT: Couture, Larry

APPLICANT: McSwiggen, James

APPLICANT: Bieslager, Charles

APPLICANT: Pape, Michael

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: PREVENTION, INHIBITION OF

TITLE OF INVENTION: PROGRESSION AND REGRESSION

TITLE OF INVENTION: OF VASCULAR DISEASES

NUMBER OF SEQUENCES: 1243

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 613 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A

FILING DATE: December 23, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-141

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1371 GGTTGATGCCCA 1385
DB 15 GGTTGATGCCCA 1

RESULT 425
US-08-351-899-6/C
Sequence 6, Application US/08351899
Patent No. 5750868
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,899
FILING DATE: 08-DEC-1994
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/208/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-351-899-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCTCAAGC 1118
DB 15 TCACCTCCTCAAGC 1

RESULT 426
US-08-479-382-6/C
Sequence 6, Application US/08479382
Patent No. 5763243
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,382
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/339/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-382-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCTCAAGC 1118
DB 15 TCACCTCCTCAAGC 1

RESULT 427
US-08-470-354-6/C
Sequence 6, Application US/08470354
Patent No. 5792853
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,354
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/337/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-470-354-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACTTCCTCAAGC 1118
Db 15 TCACTTCATCACTC 1

RESULT 428
US-08-479-383-6/C
Sequence 6, Application US/08479383
Patent No. 5795753
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,383
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/340/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-383-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACTTCCTCAAGC 1118
Db 15 TCACTTCATCACTC 1

RESULT 429
US-08-311-486C-154
Sequence 154, Application US/08311486C
Patent No. 581300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOSOME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNP-1
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: Including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-154

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.9e+02;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGCTCTG 1302
|||||:|||||:
Db 1 GAGCCUUGGUCUG 15

RESULT 430
US-08-292-620A-48
Sequence 48, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McGswigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Marbury, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-48

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1046 CTGGAATTCAGAACG 1060
|||||:|||||:
Db 1 CTGAGCTCCAGAACG 15

RESULT 431

US-08-479-041-6/c
Sequence 6, Application US/08479041
Patent No. 5837851
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,041
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/338/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ. ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-041-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1104 TCACCTCCCAAGC 1118
|||||:|||||:
Db 15 TCACCTCATCACTC 1

RESULT 432
US-08-774-306A-124
Sequence 124, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-124

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 371 GCAACATCACCTCA 385
DB 1 GCAACCTCACCTCA 15

RESULT 433
US-08-774-306A-435/c
Sequence 435, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-435

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 GCTCGAGAGCGACT 466
DB 15 GCTCGAGAGCGACT 1

RESULT 434
US-08-282-197C-18
Sequence 18, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brzezinski, Ryszard
APPLICANT: Dery, Claude V
APPLICANT: Beaulieu, Carole
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbal, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-18

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 931 AAGAGTACGAGGCG 945
DB 1 AAGAGTACGAGGCG 15

RESULT 435

US-08-585-684B-2098/c
; Sequence 2098, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Filth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2098:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2098
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 512 TGGAGATTAAGCCCA 526
Db 15 TGGAGAGAGAGCCGA 1
RESULT 436
US-08-585-684B-2120
; Sequence 2120, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Filth Street
; STREET: Suite 4700
; CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2120:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2120
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 985 ACCCTGTTTCCCAAC 999
Db 1 AUCCTGUTUCCCAUC 15
RESULT 437
US-08-585-684B-2294/c
; Sequence 2294, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Filth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2294:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2294

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 512 TGGAGATAAGCCCA 526
Db 15 TGGAGATAAGCCCA 1

RESULT 438
US-08-774-310-55/C
Sequence 55, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwigen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Pasteo Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-774-310-55

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 509 TGGTGGAGATAGGC 523
Db 15 TGGTGGAGATAGGC 1

RESULT 439
US-08-985-583-20/C
Sequence 20, Application US/08985583
Patent No. 5994320
GENERAL INFORMATION:
APPLICANT: Low, Walter C.
APPLICANT: Flores, Eric P.
APPLICANT: Hall, Walter A.
APPLICANT: Chiang, Ian
APPLICANT: Conrad, John A.
TITLE OF INVENTION: Antisense Oligonucleotides and Methods
TITLE OF INVENTION: for Treating Gliomas
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5994320west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/383,733
FILING DATE: 06-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kowalczyk, Katherine M.
REGISTRATION NUMBER: 36,848
REFERENCE/DOCKET NUMBER: 600.304US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-985-583-20

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 881 CGCTGGAGTCTTACA 895
Db 15 CACTGGAGTCTTACA 1

RESULT 440
US-09-064-156A-124
Sequence 124, Application US/09064156A
Patent No. 613296
GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-124
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 371 GCAACATCACCCTCA 385
Db 1 GCAACCCACCTCUCA 15
RESULT 441
US-09-064-156A-435/c
Sequence 435, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-435
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 452 GCTCGAGAGCGACT 466
Db 15 GCTCGAGAGCGACT 1
RESULT 442
US-09-071-845-48
Sequence 48, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grilum
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
APPLICANT: Sean Sullivan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:

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/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELETYPE: 67-3510
/ INFORMATION FOR SEQ ID NO: 48:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-48

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1046 CTGGATTGAGACG 1060
DB 1 CTGGACUCCGAGACG 15

RESULT 443
US-08-687-421-138/C
/ Sequence 138, Application US/08687421
/ Patent No. 6177557
/ GENERAL INFORMATION:
/ APPLICANT: Gold, Larry
/ APPLICANT: Janjic, Nebojsa
/ TITLE OF INVENTION: HIGH-AFFINITY LIGANDS OF BASIC
/ TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR AND
/ TITLE OF INVENTION: THROMBIN
/ NUMBER OF SEQUENCES: 445
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Swanson & Bratschun, L.L.C.
/ STREET: 8400 E. Prentice Avenue, Suite 200
/ CITY: Englewood
/ STATE: Colorado
/ COUNTRY: USA
/ ZIP: 80111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: MS-DOS
/ SOFTWARE: WordPerfect 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/687,421
/ FILING DATE: 08-MAY-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/195,005
/ FILING DATE: 10-FEBRUARY-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE: 22-APRIL-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/219,012
/ FILING DATE: 28-MARCH-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/973,333
/ FILING DATE: 11-NOVEMBER-1992
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/714,131
/ FILING DATE: 10-JUNE-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/536,428
/ FILING DATE: 11-JUNE-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barry J. Swanson
/ REGISTRATION NUMBER: 33,215
/ REFERENCE/DOCKET NUMBER: NEX07/PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (303) 793-3333
/ TELEFAX: (303) 793-3433
/ INFORMATION FOR SEQ ID NO: 138:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ OTHER INFORMATION: All C's are 2'-NH2 cytosine
/ FEATURE:
/ OTHER INFORMATION: All U's are 2'-NH2 uracil
/ US-08-687-421-138

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 ATTGACCACCTCGG 569
DB 15 ACTGACCACCTCGG 1

RESULT 444
US-09-269-519A-7/C
/ Sequence 7, Application US/09269519A
/ Patent No. 6180347
/ GENERAL INFORMATION:
/ APPLICANT: Iida, Yukari
/ APPLICANT: Koshimoto, Hiroyuki
/ APPLICANT: Kondo, Satoshi
/ APPLICANT: Tsuji, Akihiko
/ TITLE OF INVENTION: Method for Monitoring Transcriptional Synthesis of RNA
/ TITLE OF INVENTION: and Apparatus Therefor
/ FILE REFERENCE: 200783
/ CURRENT APPLICATION NUMBER: US/09/269,519A
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: PCT/JP98/00444
/ PRIOR FILING DATE: 1998-02-03
/ PRIOR APPLICATION NUMBER: JP 020632/1997
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: XELF-4F donor
/ US-09-269-519A-7

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 ATGATCAATGGAAT 840
DB 15 ATGATCAATGGAAT 1

RESULT 445
```

US-09-038-073-2098/c
; Sequence 2098, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2098:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2098
; Query Match 0.8%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 86.7%; Pred. No. 1.9e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 512 TGGAGATAGCCCA 526
Db 15 TGGAGAGAGAGCCCA 1
RESULT 446
US-09-038-073-2120
; Sequence 2120, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2120:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2120
; Query Match 0.8%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 60.0%; Pred. No. 1.9e+02;
; Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 985 ACCCTGTTCGCAAC 999
Db 1 AUCCTGUGGCCAUC 15
RESULT 447
US-09-038-073-2294/c
; Sequence 2294, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 488-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2294:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2294

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 512 TGGAGATTAAGCCCA 526
DB 15 TGGAGAGAGAGCCCA 1

RESULT 448
US-09-156-828B-15
Sequence 15, Application US/09156828B
Patent No. 6238917
GENERAL INFORMATION:
APPLICANT: Hendry, Philip
APPLICANT: McCall, Maxine J.
TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES
FILE REFERENCE: 50534bpu
CURRENT APPLICATION NUMBER: US/09/156,828B
CURRENT FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: PCT/AU97/00210
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof
US-09-156-828B-15

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 874 GAGTCTCGCTGGAG 888
DB 1 GAGUCCACACUGAG 15

RESULT 449
US-08-819-646-6/c
Sequence 6, Application US/08819646
Patent No. 6281348
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,646
FILING DATE: 17-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,556
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/329/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-819-646-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAAGC 1118
DB 15 TCACCTCATCAGTC 1

RESULT 450
US-09-081-646-21
Sequence 21, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-21

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 CATGCCCAACATCCT 488
DB 1 CATGCCCAACATCCT 15

RESULT 451

```
US-09-081-646-163/c
; Sequence 163, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 163
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-163
```

```
Query Match      0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1237 CTGAGCCTTTCATG 1251
DB      15  CTGAGCCTTTCATG 1
```

```
RESULT 452
US-09-081-646-375/c
; Sequence 375, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 375
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-375
```

```
Query Match      0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 GATCAGTGCACATG 828
DB      15  GCTCAGTGCACATG 1
```

```
RESULT 453
US-09-081-646-452
; Sequence 452, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
```

```
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 452
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-452
```

```
Query Match      0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1248 CATGAATCTGTGCG 1262
DB      1  CATGAATCTGTGCG 15
```

```
RESULT 454
US-09-081-646-526
; Sequence 526, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 526
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-526
```

```
Query Match      0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1556 CATGAGTCCCAAG 1570
DB      1  CATGAGTCCCAAG 15
```

```
RESULT 455
US-09-081-646-666
; Sequence 666, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
```

EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 666
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-666

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 CATGTGAGAGAGAT 245
DB 1 CATGGGAGACAGAT 15

RESULT 456
US-09-079-812E-19/C
Sequence 19, Application US/09079812E
Patent No. 6340575
GENERAL INFORMATION:
APPLICANT: Bollag, Gideon
APPLICANT: Crompton, Anne
APPLICANT: No. 6340575ch, Anne
APPLICANT: Sharma, Sanju
APPLICANT: Roscoe, William
TITLE OF INVENTION: Methods and Compositions for Treating Abnormal Cell
TITLE OF INVENTION: Growth Related to Unwanted Guanine Nucleotide Exchange
TITLE OF INVENTION: Factor Activity
FILE REFERENCE: 1028-US
CURRENT APPLICATION NUMBER: US/09/079,812E
CURRENT FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/049,879
PRIOR FILING DATE: 1997-06-17
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 15
TYPE: DNA
ORGANISM: Oligonucleotide
US-09-079-812E-19

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 501 GCGCGTGATGATGGA 515
DB 15 GCGCGTGATGATGGA 1

RESULT 457
US-09-450-072-22/C
Sequence 22, Application US/09450072
Patent No. 6358734
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
TITLE OF INVENTION: and Methods for Their Use
FILE REFERENCE: 11000.1042c1
CURRENT APPLICATION NUMBER: US/09/450,072
CURRENT FILING DATE: 1999-11-29
EARLIER APPLICATION NUMBER: 09/351,348
EARLIER FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 81
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Made in a lab
US-09-450-072-22

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 315 GAAGCCGACAGTGGC 329
DB 15 GAAGCCGACAGTGGC 1

RESULT 458
US-08-618-834C-6
Sequence 6, Application US/08618834C
Patent No. 6361937
GENERAL INFORMATION:
APPLICANT: Stryer, Lubert
TITLE OF INVENTION: Computer-Aided Nucleic Acid
TITLE OF INVENTION: Sequencing
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSER: Riltter, Van Pelt & Yi LLP
STREET: 4906 Bl Camino Real, Suite 205
CITY: Los Altos
STATE: CA
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,834C
FILING DATE: 19-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Riltter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFYPP002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-618-834C-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 372 CAACATCACCTTCA 386
DB 1 CAACATCACCTTCA 15

RESULT 459
US-09-195-716-6/C
Sequence 6, Application US/09195716
Patent No. 639856
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,716
FILING DATE: 19-NOV-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/819,646
FILING DATE: 17-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,556
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 033229/0660
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-195-716-6
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGC 1118
Db 15 TCACTTCATCACTC 1
RESULT 460
US-09-351-348-22/c
Sequence 22, Application US/09351348
Patent No. 6436898
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
TITLE OF INVENTION: Compounds and Methods for the Treatment
of Mycobacterial Infections with Multi-Epitope Vaccines
FILE REFERENCE: 11000.1042
CURRENT APPLICATION NUMBER: US/09/351,348
CURRENT FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 81
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in a lab
US-09-351-348-22
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 315 GAAGCCGACAGTGGC 329
Db 15 GAAGCCACAGTGGC 1
RESULT 461
PCT-US93-12600-15/c
Sequence 15, Application PC/TUS9312600
GENERAL INFORMATION:
APPLICANT: Denner, Larry A.
APPLICANT: Rege, Ajay A.
APPLICANT: Dixon, Richard A.F.
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore &
ADDRESSEE: Milamow, Ltd.
STREET: 180 North Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/12600
FILING DATE: 28-DEC-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,706
FILING DATE: December 31, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Katz, Martin L.
REGISTRATION NUMBER: 25,011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-15
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 607 ATGTGGGCTGACAG 621
Db 15 ATGTGGGCTGAG 1
RESULT 462
US-08-213-811-7/c
Sequence 7, Application US/08213811
Patent No. 5395764
GENERAL INFORMATION:
APPLICANT: RIBOLI, Barbara
APPLICANT: PEDRONI, Paola
APPLICANT: CUZZONI, Anna
APPLICANT: DE FERRA, Francesca
TITLE OF INVENTION: PROMOTER REGIONS OF THE GENES WHICH CODE FOR THE
PILINIC SUBUNITS FIN2, FIN3 AND FINX OF

1 TITLE OF INVENTION: BORDETELLA PERTUSSIS AND THEIR USE FOR THE
2 TITLE OF INVENTION: EXPRESSION OF GENES WHICH CODE FOR A PROTEIN OF
3 TITLE OF INVENTION: INTEREST
4 NUMBER OF SEQUENCES: 12
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: SUGHRU MION ZINN MACPHEAK & SEAS
7 STREET: 2100 PENNSYLVANIA AVENUE, N.W.
8 CITY: WASHINGTON
9 STATE: D.C.
10 COUNTRY: UNITED STATES
11 ZIP: 20037-1202
12 COMPUTER READABLE FORM:
13 MEDIUM TYPE: Floppy disk
14 COMPUTER: IBM PC compatible
15 OPERATING SYSTEM: PC-DOS/MS-DOS
16 SOFTWARE: PatentIn Release #1.24
17 CURRENT APPLICATION DATA:
18 APPLICATION NUMBER: US/08/213,811
19 FILING DATE:
20 CLASSIFICATION: 435
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: US/07/607,966
23 FILING DATE:
24 TELECOMMUNICATION INFORMATION:
25 TELEPHONE: 202-293-7860
26 TELEFAX: 202-293-7860
27 TELEX: 6491103
28 INFORMATION FOR SEQ ID NO: 7:
29 SEQUENCE CHARACTERISTICS:
30 LENGTH: 16 base pairs
31 TYPE: nucleic acid
32 STRANDEDNESS: single
33 TOPOLOGY: linear
34 MOLECULE TYPE: DNA
35 US-08-213-811-7
36
37 Query Match 0.8%; Score 11.8; DB 1; Length 16;
38 Best Local Similarity 86.7%; Pred. No. 2.3e+02;
39 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
40
41 QY 173 TCATCAACGACGACG 187
42 DB 15 TCATCAAGCTGAAG 1
43
44 RESULT 463
45 US-08-373-124A-58/C
46 Sequence 58, Application US/08373124A
47 Patent No. 5646042
48 GENERAL INFORMATION:
49 APPLICANT: Stinchcomb, Dan T.
50 APPLICANT: Draper, Kenneth
51 APPLICANT: McSwiggen, James
52 APPLICANT: Jarvis, Thale
53 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
54 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
55 TITLE OF INVENTION: CANCER USING RIBOZYMES
56 NUMBER OF SEQUENCES: 2627
57 CORRESPONDENCE ADDRESS:
58 ADDRESSEE: Lyon & Lyon
59 STREET: 633 West Fifth Street
60 STREET: Suite 4700
61 CITY: Los Angeles
62 STATE: California
63 COUNTRY: U.S.A.
64 ZIP: 90071
65 COMPUTER READABLE FORM:
66 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
67 MEDIUM TYPE: storage
68 COMPUTER: IBM Compatible
69 OPERATING SYSTEM: IBM P.C. DOS 5.0
70 SOFTWARE: Word Perfect 5.1
71 CURRENT APPLICATION DATA:

1 APPLICATION NUMBER: US/08/373,124A
2 FILING DATE: January 13, 1995
3 PRIOR APPLICATION DATA:
4 APPLICATION NUMBER: 08/245,466
5 FILING DATE: May 18, 1994
6 APPLICATION NUMBER: 08/192,943
7 FILING DATE: February 7, 1994
8 APPLICATION NUMBER: 07/987,132
9 FILING DATE: December 7, 1992
10 APPLICATION NUMBER: 07/936,422
11 FILING DATE: August 26, 1992
12 ATTORNEY/AGENT INFORMATION:
13 NAME: Marbury, Richard
14 REGISTRATION NUMBER: 32,327
15 REFERENCE/DOCKET NUMBER: 209/035
16 TELECOMMUNICATION INFORMATION:
17 TELEPHONE: (213) 489-1600
18 TELEFAX: (213) 955-0440
19 TELEX: 67-3510
20 INFORMATION FOR SEQ ID NO: 58:
21 SEQUENCE CHARACTERISTICS:
22 LENGTH: 16 base pairs
23 TYPE: nucleic acid
24 STRANDEDNESS: single
25 TOPOLOGY: linear
26 US-08-373-124A-58
27
28 Query Match 0.8%; Score 11.8; DB 1; Length 16;
29 Best Local Similarity 86.7%; Pred. No. 2.3e+02;
30 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
31
32 QY 1475 AATGCTATTATTATTT 1489
33 DB 15 ACTGTTATTATTATTT 1
34
35 RESULT 464
36 US-08-486-421-24/C
37 Sequence 24, Application US/08486421
38 Patent No. 5672479
39 GENERAL INFORMATION:
40 APPLICANT: Johnson, Edward M.
41 APPLICANT: Bergmann, Andrew D.
42 TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
43 NUMBER OF SEQUENCES: 51
44 CORRESPONDENCE ADDRESS:
45 ADDRESSEE: Pennie & Edmonds
46 STREET: 1155 Avenue of the Americas
47 CITY: New York
48 STATE: New York
49 COUNTRY: U.S.A.
50 ZIP: 10036-2711
51 COMPUTER READABLE FORM:
52 MEDIUM TYPE: Floppy disk
53 COMPUTER: IBM PC compatible
54 OPERATING SYSTEM: PC-DOS/MS-DOS
55 SOFTWARE: PatentIn Release #1.0, Version #1.30
56 CURRENT APPLICATION DATA:
57 APPLICATION NUMBER: US/08/486,421
58 FILING DATE: 07-JUN-1995
59 CLASSIFICATION: 435
60 PRIOR APPLICATION DATA:
61 APPLICATION NUMBER: US 08/470,911
62 FILING DATE: 06-JUN-1995
63 ATTORNEY/AGENT INFORMATION:
64 NAME: Coruzzi, Laura A.
65 REGISTRATION NUMBER: 30,742
66 REFERENCE/DOCKET NUMBER: 6923-053
67 TELECOMMUNICATION INFORMATION:
68 TELEPHONE: (212) 790-9090
69 TELEFAX: (212) 869-9741/8864
70 TELEX: 66141 PENNIE
71 INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-421-24

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 253 CCCTTCATCTCCTCC 267
Db 16 CCCTTCCTCTCTCC 2

RESULT 465
US-08-470-911-24/C

Sequence 24, Application US/08470911
Patent No. 575684
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,911
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-470-911-24

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 253 CCCTTCATCTCCTCC 267
Db 16 CCCTTCCTCTCTCC 2

RESULT 466
US-08-509-858-1
Sequence 1, Application US/08509858
Patent No. 5780613
GENERAL INFORMATION:

APPLICANT: Letsinger, Robert L.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: COVALENT LOCK FOR SELF-ASSEMBLED
TITLE OF INVENTION: OLIGONUCLEOTIDE CONSTRUCTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5780613thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/509,858
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0570.00037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-509-858-1

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1131 GCGAGAGCGGTGAC 1145
Db 2 GGAAGAGCGGAGAC 16

RESULT 467
US-08-509-858-4/C
Sequence 4, Application US/08509858
Patent No. 5780613
GENERAL INFORMATION:
APPLICANT: Letsinger, Robert L.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: COVALENT LOCK FOR SELF-ASSEMBLED
TITLE OF INVENTION: OLIGONUCLEOTIDE CONSTRUCTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5780613thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/509,858
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0570.00037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-509-858-4

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 GCGAGAGCGGTAC 1145
DB 15 GGAAGAGCGGAGAC 1

RESULT 468
US-08-435-628-58/C
Sequence 58, Application US/08435628
Patent No. 581796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSES: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-58

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1475 AATGCTATTATTTT 1489
DB 15 ACTGTATTATTTT 1

RESULT 469
US-08-486-809-24/C
Sequence 24, Application US/08486809
Patent No. 586922
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSES: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-809-24

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 253 CCGTTCATCTCTCC 267
DB 16 CCGTTCCTCTCTCC 2

RESULT 470
US-08-840-344-4
Sequence 4, Application US/08840344

```

; Patent No. 5939254
; GENERAL INFORMATION:
; APPLICANT: Emis, Francis A.
; APPLICANT: Sudito, Mirawati
; APPLICANT: Ishiko, Hiroaki
; TITLE OF INVENTION: METHODS AND REAGENTS FOR RAPID
; TITLE OF INVENTION: DIAGNOSIS OF DENGUE VIRUS INFECTION
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/840,344
; FILING DATE: 28-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, Peter J.
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07917/048001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-840-344-4

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1092 TCTCTCCATCCCA 1106
DB      1 TCTCTCCAGCTCA 15

RESULT 471
US-08-885-126-15/c
; Sequence 15, Application US/08885126A
; Patent No. 5955397
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALITY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
; US-08-885-126-15

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      245 TCCCTATCCCTTCT 259
DB      15 TCCCTCTCCCTTCT 1

RESULT 472
US-08-985-583-19/c
; Sequence 19, Application US/08985583
; Patent No. 5994320
; GENERAL INFORMATION:
; APPLICANT: Low, Walter C.
; APPLICANT: Flores, Eric P.
; APPLICANT: Hall, Walter A.
; APPLICANT: Chiang, Ian
; TITLE OF INVENTION: Antisense Oligonucleotides and Methods
; TITLE OF INVENTION: for Treating Gliomas
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 90 South 7th Street, 3100 No. 5994320west Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,583
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/383,733
; FILING DATE: 06-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kowalchuk, Katherine M.
; REGISTRATION NUMBER: 36,848
; REFERENCE/DOCKET NUMBER: 600.304US01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-985-583-19

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      881 CGCTGAGTTCTACA 895
DB      15 CACTGGAATTCTACA 1

RESULT 473
US-08-544-381B-193
; Sequence 193, Application US/08544381B
```


Patent No. 6027880
GENERAL INFORMATION:
APPLICANT: Cronin, Maureen T.
APPLICANT: Miyada, Charles Garrett
APPLICANT: Hubbell, Earl A.
APPLICANT: Chee, Mark
APPLICANT: Podor, Stephen P. A.
APPLICANT: Huang, Xiaohua C.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lobban, Peter B.
APPLICANT: Morris, MacDonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
NUMBER OF SEQUENCES: 250
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/544,381B
FILING DATE: 10-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/510,521
FILING DATE: 02-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004130US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-544-381B-193

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1328 GGGCCATGAGGGGG 1342
1 GGGCAATCGAGGGGG 15

RESULT 474
US-08-811-566-14
Sequence 14, Application US/08811566
Patent No. 6127116
GENERAL INFORMATION:

APPLICANT: Rice, Charles et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,566
FILING DATE: 03-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1113-1-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
US-08-811-566-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1375 TTGATGCCAAGGTG 1389
2 TTGATGCCAATGCG 16

RESULT 475
US-09-159-274-25/C
Sequence 25, Application US/09159274
Patent No. 6127173
GENERAL INFORMATION:
APPLICANT: MAX-PLANCK-GESellschaft ZUR FORDERUNG DER WISSENSCHAFTEN E.V.
TITLE OF INVENTION: NUCLEIC ACID CATALYSTS WITH ENDONUCLEASE ACTIVITY
FILE REFERENCE: 236/200-US
CURRENT APPLICATION NUMBER: US/09/159,274
FILING DATE: 1998-09-22
EARLIER APPLICATION NUMBER: US 60/059,473
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 25
LENGTH: 16
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized nucleic acid molecule
US-09-159-274-25

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1207 ATCCCATGACTGC 1221
Db 16 ATCCCATGACTGC 2

RESULT 476

US-09-112-096-13/C
Sequence 13, Application US/09112096
Patent No. 6194152
GENERAL INFORMATION:
APPLICANT: Reiner Laus
APPLICANT: Michael H. Shapiro
APPLICANT: Larisa Tsavaler
TITLE OF INVENTION: Prostate Tumor Polynucleotide and
FILE REFERENCE: 7636-0015.30
CURRENT APPLICATION NUMBER: US/09/112,096
EARLIER FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: 60/056,110
EARLIER FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 13
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1)...(16)
OTHER INFORMATION: oligonucleotide primer
US-09-112-096-13

Query Match

Best Local Similarity 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1219 TGCTGTGTGAAGCTG 1233
Db 16 TGCTGTGTGAAGCTG 2

RESULT 477

US-08-797-812-10
Sequence 10, Application US/08797812
Patent No. 6228575
GENERAL INFORMATION:
APPLICANT: Gingeras, Thomas A.
APPLICANT: Mack, David
APPLICANT: Chee, Mark S.
APPLICANT: Berno, Anthony J.
APPLICANT: Strayer, Lubert
APPLICANT: Chandour, Chassan
APPLICANT: Wang, Ching
TITLE OF INVENTION: Chip-Based Species Identification and
TITLE OF INVENTION: Phenotypic Characterization of Microorganisms
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/797,812
FILING DATE: 07-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/017,765
FILING DATE: 15-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/629,031
FILING DATE: 08-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/012,631
FILING DATE: 01-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,339
FILING DATE: 08-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Filts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 16528X-018550
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-797-812-10

Query Match

Best Local Similarity 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1328 GGGCGATGAGGAGG 1342
Db 1 GGGCGATGAGGAGG 15

RESULT 478

US-09-034-756-14
Sequence 14, Application US/09034756
Patent No. 6392028
GENERAL INFORMATION:
APPLICANT: RICH, CHARLES et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
VIRUS (HCV) AND USES THEREOF
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HERRAMP, L.C.
STREET: 7733 FORSYTH BLVD., SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,756
FILING DATE: 04-MAY-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 6029-4831
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-034-756-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1375 TTGATGCCCAAGGTG 1389
|||||
DB 2 TTGATGCCCAATCG 16

RESULT 479
US-09-916-228-14/C
Sequence 14, Application US/09916228
Patent No. 6438013
GENERAL INFORMATION:
APPLICANT: Veliculuscu, Victor
APPLICANT: Sparks, Andrew
APPLICANT: Kinzier, Kenneth
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Serial analysis of transcript expression
FILE REFERENCE: 001107.00172
CURRENT APPLICATION NUMBER: US/09/916,228
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/221,556
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 60/233,431
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: tag or tag concatenamer
US-09-916-228-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 GGTGGCGGAGCGCG 338
|||||
DB 16 GGTCCGCGAGCGCG 2

RESULT 480
US-09-371-772B-5778
Sequence 5778, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 5778
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5778

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAAG 675
|||:|||||
DB 1 AUGUUTCCCTGCAAG 15

RESULT 481
US-09-371-772B-6037/C
Sequence 6037, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6037
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6037

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 640 ATCAACAAGTACTT 654
|||||
DB 16 ATGAACAAGCACTT 2

RESULT 482
US-09-371-772B-6112/C
Sequence 6112, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6112

LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6112

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1506 GGGCTCAAGATGA 1520
DB 16 GGGTCAAGAGAA 2

RESULT 483
US-09-371-772B-7131/C
Sequence 7131, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Regulation of Gene Expression
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7131
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7131

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 877 TCCTGCTGAGTTC 891
DB 15 TCCTGCTGAGTTC 1

RESULT 484
US-08-782-047-24
Sequence 24, Application US/08782047
Patent No. 5795726
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: Therapeutic Compositions and Methods and Diagnostic Assays
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHYE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIO-011CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
US-08-782-047-24

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 318 GCGCAGTGGCGGA 332
DB 1 GCGCAGTGGCTGA 15

RESULT 485
US-08-749-431A-21
Sequence 21, Application US/08749431A
Patent No. 5800998
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,431A
FILING DATE: 15-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-749-431A-21

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 318 GCCGCGAGTGGCGGA 332
Db 1 GCTGCGAGTCTGGA 15

RESULT 486
US-08-924-870A-24
Sequence 24, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: G1 ckemann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-24

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 318 GCCGCGAGTGGCGGA 332
Db 1 GCTGCGAGTCTGGA 15

RESULT 487
US-08-117-952-709/c
Sequence 709, Application US/08117952
Patent No. 5851760

GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993

ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392

INFORMATION FOR SEQ ID NO: 709:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-709

C.ary Match 0.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 746 AGACATCAGCAGGA 760
Db 16 AGACGACGACGAGGA 2

RESULT 488
US-08-635-309-14/c
Sequence 14, Application US/08635309
Patent No. 5709997

GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: Cynthia Jou
APPLICANT: John N. Simons
APPLICANT: Thomas P. Leary
APPLICANT: A. Scott Muerhoff
APPLICANT: Suresh M. Desai
APPLICANT: Ira K. Mushahwar
TITLE OF INVENTION: NUCLEIC ACID DETECTION OF HEPATITIS GB VIRUS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500

```
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release 1.0, Version 1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/635,309
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Priscilla E. Porembski
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5792.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-0378
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic DNA
US-08-635-309-14
```

```
Query Match          0.8%; Score 11.6; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 2.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      551 TGCGATTGACACCC 565
DB      15 TGGCTTACCC 1
```

```
RESULT 489
US-08-890-980-72
Sequence 72, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
```

```
DESCRIPTION: /desc = "probe"
US-08-890-980-72
```

```
Query Match          0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      496 GGTGCGCGGTGATGATG 513
DB      11 GGGTCGGCGGTGATGAAG 28
```

```
RESULT 490
US-08-890-980-74/C
Sequence 74, Application US/08890980
Patent No. 5998141
```

```
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"
US-08-890-980-74
```

```
Query Match          0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      496 GGTGCGCGGTGATGATG 513
DB      21 GGGTCGGCGGTGATGAAG 4
```

```
RESULT 491
US-09-032-894-72
```

```
Sequence 72, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
```

EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 72
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-72

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTGGCGCGGTGATGATG 513
Db 11 GGGTCGGCGGTGATGATG 28

RESULT 492
US-09-032-894-74/c
Sequence 74, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 74
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-74

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTGGCGCGGTGATGATG 513
Db 21 GGGTCGGCGGTGATGATG 4

RESULT 493
US-09-031-626-72
Sequence 72, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 72
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-72

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTGGCGCGGTGATGATG 513
Db 11 GGGTCGGCGGTGATGATG 28

RESULT 494
US-09-031-626-74/c
Sequence 74, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 74
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-74

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTGGCGCGGTGATGATG 513
Db 21 GGGTCGGCGGTGATGATG 4

RESULT 495
US-09-032-894-93/c
Sequence 93, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 93
LENGTH: 34
TYPE: DNA
ORGANISM: Human
US-09-032-894-93

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 498 TGGCGCGGTGATGATGATGATG 523
Db 30 TGAGGAAGTGAGATGGAGGAAAC 5

RESULT 496
US-09-031-626-93/c
Sequence 93, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND

TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 93
LENGTH: 34
TYPE: DNA
ORGANISM: Human
US-09-031-626-93

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 498 TGCGCGGTGATGATGAGAAATACG 523
DB 30 TGAGAGGTGAGATGCGAGAGAAAC 5

RESULT 497
US-08-928-465-4
Sequence 4, Application US/08928465
Patent No. 6204024
GENERAL INFORMATION:
APPLICANT: Romano, Joseph
APPLICANT: Lee, Eun Mi
TITLE OF INVENTION: CCR5 RNA Transcription Based
TITLE OF INVENTION: Amplification Assay
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akzo No. 6204024el Patent Department
STREET: 1300 Piccard Drive
CITY: Rockville
STATE: Maryland
COUNTRY: US
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,465
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gormley, Mary E.
REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-948-7400
TELEFAX: 301-948-9751
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA Oligonucleotide"
HYPOTHETICAL: NO
US-08-928-465-4

Query Match 0.8%; Score 11.4; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1063 AGCACCTGAGGTGATGATGCGC 1083
DB 1 AGCAGCGGAGAGACACGCCCC 21

RESULT 498
US-08-890-980-68
Sequence 68, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA

ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"
US-08-890-980-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CACATCTCTGCTTGTGGTGGCGCGTGA 508
DB 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 499
US-08-890-980-70/c
Sequence 70, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA

ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"
US-08-890-980-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGTTGGTGGCGCGGTGA 508
Db 29 CCAGAACCGGTCAGCGTTGAGGAAGTGA 1

RESULT 500
US-09-032-894-68
Sequence 68, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 68
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGTTGGTGGCGCGGTGA 508
Db 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 501
US-09-032-894-70/c
Sequence 70, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 70

LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGTTGGTGGCGCGGTGA 508
Db 29 CCAGAACCGGTCAGCGTTGAGGAAGTGA 1

RESULT 502
US-09-031-626-68
Sequence 68, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 68
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGTTGGTGGCGCGGTGA 508
Db 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 503
US-09-031-626-70/c
Sequence 70, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 70
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGTTGGTGGCGCGGTGA 508
Db 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31


```
/ Patent No. 5811517
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-RELATED PROTEIN
/ NUMBER OF SEQUENCES: 118
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 233 South Wacker Drive/6300 Sears Tower
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/483,389
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/102,852
/ FILING DATE: 05-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/009,266
/ FILING DATE: 22-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/894,061
/ FILING DATE: 05-JUN-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/889,724
/ FILING DATE: 26-MAY-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/827,689
/ FILING DATE: 27-JAN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Suh, Young J.
/ REGISTRATION NUMBER: P-41,337
/ REFERENCE/DOCKET NUMBER: 27866/32760
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 474-6300
/ TELEFAX: (312) 474-0448
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-483-389-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      434 AGCCTCGAAGTCCA 449
DB      16 AGCTTCGAAGTCCA 1

RESULT 508
/ US-08-487-113D-112/c
/ Sequence 112, Application US/08487113D
/ Patent No. 5837822
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-Related Materials and Methods
/ NUMBER OF SEQUENCES: 120
/ CORRESPONDENCE ADDRESS:
```

```
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/487,113D
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/286,754
/ FILING DATE: 05-AUG-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/102,852
/ FILING DATE: 05-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/009,266
/ FILING DATE: 22-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/894,061
/ FILING DATE: 05-JUN-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/889,724
/ FILING DATE: 26-MAY-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/827,689
/ FILING DATE: 27-JAN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 5837822and, Greta E.
/ REGISTRATION NUMBER: 35,302
/ REFERENCE/DOCKET NUMBER: 32744
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 474-6300
/ TELEFAX: (312) 474-0448
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-487-113D-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      434 AGCCTCGAAGTCCA 449
DB      16 AGCTTCGAAGTCCA 1

RESULT 509
/ US-08-473-503-112/c
/ Sequence 112, Application US/08473503
/ Patent No. 5869262
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-Related Materials and Methods
/ NUMBER OF SEQUENCES: 116
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 S. Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
```

COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,503
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5869262and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-473-503-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTCCAAAGTCCCA 449
DB 16 AGCCTCAAACTCCCA 1

RESULT 510
US-08-483-932-112/c
Sequence 112, Application US/08483932
Patent No. 5880268
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,932
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5880268and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-483-932-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTCCAAAGTCCCA 449
DB 16 AGCCTCAAACTCCCA 1

RESULT 511
US-08-720-420A-112/c
Sequence 112, Application US/08720420A
Patent No. 5989843
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/720,420A
FILING DATE:

CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-720-420A-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCAAGTCCCA 449
Db 16 AGCCTTCAAGTCCCA 1

RESULT 512
US-08-714-017-112/c
Sequence 112, Application US/08714017
Patent No. 6040176
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,017
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 6040176and, Greta B.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-714-017-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCAAGTCCCA 449
Db 16 AGCCTTCAAGTCCCA 1

RESULT 513
US-08-475-680-112/c
Sequence 112, Application US/08475680
Patent No. 6100383
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,680
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6100383and, Greta E.
; REGISTRATION NUMBER: 35,302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-475-680-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      434 AGCCTCCAGTCCCA 449
Db      16 AGCCTCAACTCCCA 1

RESULT 514
US-08-890-980-71
; Sequence 71, Application US/08890980
; Patent No. 5998141
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,980
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "probe"
; US-08-890-980-73

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      496 GGTGGCGCGGTGATGA 511
Db      5 GGTGGCGCGGTGATGA 20

RESULT 516
US-09-032-894-71
; Sequence 71, Application US/09032894
; Patent No. 6130641
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "probe"
; US-08-890-980-71

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      496 GGTGGCGCGGTGATGA 511
Db      5 GGTGGCGCGGTGATGA 20

RESULT 516
US-09-032-894-71
; Sequence 71, Application US/09032894
; Patent No. 6130641
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
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;; CURRENT APPLICATION NUMBER: US/09/032,894
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,980
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 71
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-032-894-71

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTCGGCGGTGATGA 511
DB 5 GGTCGGCGGTGATGA 20

RESULT 517
US-09-032-894-73/c
;; Sequence 73, Application US/09032894
;; Patent No. 6130041
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
;; FILE REFERENCE: MIA-005.03
;; CURRENT APPLICATION NUMBER: US/09/032,894
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,980
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 73
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-032-894-73

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTCGGCGGTGATGA 511
DB 16 GGTCGGCGGTGATGA 1

RESULT 518
US-09-031-626-71
;; Sequence 71, Application US/09031626
;; Patent No. 6228581
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; APPLICANT: Ordoval, Jose M.
;; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
;; FILE REFERENCE: MIA-005.04
;; CURRENT APPLICATION NUMBER: US/09/031,626
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,979
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 71
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-031-626-71

Query Match 0.8%; Score 11.2; DB 1; Length 20;

Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTCGGCGGTGATGA 511
DB 5 GGTCGGCGGTGATGA 20

RESULT 519
US-09-031-626-73/c
;; Sequence 73, Application US/09031626
;; Patent No. 6228581
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; APPLICANT: Ordoval, Jose M.
;; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
;; FILE REFERENCE: MIA-005.04
;; CURRENT APPLICATION NUMBER: US/09/031,626
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,979
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 73
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-031-626-73

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTCGGCGGTGATGA 511
DB 16 GGTCGGCGGTGATGA 1

RESULT 520
US-08-974-549A-468/c
;; Sequence 468, Application US/08974549A
;; Patent No. 6165178
;; GENERAL INFORMATION:
;; APPLICANT: Cech, Thomas R.
;; APPLICANT: Lingner, Joachim
;; APPLICANT: Nakamura, Toru
;; APPLICANT: Chapman, Karen B.
;; APPLICANT: Morin, Gregg B.
;; APPLICANT: Harley, Calvin B.
;; APPLICANT: Andrews, William H.
;; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
;; NUMBER OF SEQUENCES: 727
;; CORRESPONDENCE ADDRESS:
;; ADDRESSER: Townsend and Townsend and Crew LLP
;; STREET: Two Embarcadero Center, Eighth Floor
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94111-3834
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/974,549A
;; FILING DATE: 19-NOV-1997
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/724,643
;; FILING DATE: 01-OCT-1996
;; PRIOR APPLICATION DATA:

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: APPLICATION NUMBER: US 08/844,419
: FILING DATE: 18-APR-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/846,017
: FILING DATE: 25-APR-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/851,843
: FILING DATE: 06-MAY-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/854,050
: FILING DATE: 09-MAY-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/911,312
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/912,951
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/915,503
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/US97/17618
: FILING DATE: 01-OCT-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/US97/17885
: FILING DATE: 01-OCT-1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Apple, Randolph Ted
: REGISTRATION NUMBER: 36,429
: REFERENCE/DOCKET NUMBER: 015389-002610US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 468:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: FEATURE:
: NAME/KEY: -
: LOCATION: 1..21
: OTHER INFORMATION: /note= "K320 primer"
: US-08-974-549A-468
:
: Query Match 0.8%; Score 11.2; DB 1; Length 21;
: Best Local Similarity 81.2%; Pred. No. 5.3e+02;
: Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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: QY 1575 TGTGCTGACGAGCA 1590
: DB 18 TGCGCAGCAGACGCA 3
:
: RESULT 521
: US-08-912-951-235/c
: Sequence 235, Application US/08912951
: Patent No. 6475789
: GENERAL INFORMATION:
: APPLICANT: Cech, Thomas R.
: APPLICANT: Lingner, Joachim
: APPLICANT: Nakamura, Toru
: APPLICANT: Chapman, Karen B.
: APPLICANT: Morin, Gregg B.
: APPLICANT: Harley, Caitin
: APPLICANT: Andrews, William H.
: TITLE OF INVENTION: HUMAN TETROMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
: THERAPEUTIC METHODS
: NUMBER OF SEQUENCES: 335
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, 8th Floor
```

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: CITY: San Francisco
: STATE: California
: COUNTRY: United States of America
: ZIP: 94111
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/912,951
: FILING DATE: 14-AUG-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/854,050
: FILING DATE: 09-MAY-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/846,017
: FILING DATE: 25-APR-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/844,419
: FILING DATE: 18-APR-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/724,643
: FILING DATE: 01-OCT-1996
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Apple, Randolph T.
: REGISTRATION NUMBER: 36,429
: REFERENCE/DOCKET NUMBER: 015389-002600US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 235:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: US-08-912-951-235
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: Query Match 0.8%; Score 11.2; DB 1; Length 21;
: Best Local Similarity 81.2%; Pred. No. 5.3e+02;
: Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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: QY 1575 TGTGCTGACGAGCA 1590
: DB 18 TGCGCAGCAGACGCA 3
:
: RESULT 522
: US-09-357-072-57/c
: Sequence 57, Application US/09357072
: Patent No. 6015712
: GENERAL INFORMATION:
: APPLICANT: Brett P. Monia
: APPLICANT: Brenda F. Baker
: APPLICANT: Hong Zhang
: APPLICANT: Lex M. Cowsett
: TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
: FILE REFERENCE: RTS-0027
: CURRENT APPLICATION NUMBER: US/09/357,072
: CURRENT FILING DATE: 1999-07-19
: NUMBER OF SEQ ID NOS: 87
: SEQ ID NO 57
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-57

Query Match 0.8%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 666 CCCCTTCAGGACAGTTC 684
DB 20 CCCCCCATGACCCCGTTC 2

RESULT 523
US-07-955-041-7/c
Sequence 7, Application US/07955041
Patent No. 5360733
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LEUCOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955,041
FILING DATE: 19921001
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - CZGNT FUSION"
OTHER INFORMATION: PROTEIN"
US-07-955-041-7

Query Match 0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCC 1212
DB 14 TCACGGGAATCCCC 1

RESULT 524
US-08-227-455-7/c
Sequence 7, Application US/08227455
Patent No. 5624832
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LEUCOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,455
FILING DATE: 14-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9957
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - CZGNT FUSION"
OTHER INFORMATION: PROTEIN"
US-08-227-455-7

Query Match 0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCC 1212
DB 14 TCACGGGAATCCCC 1

Search completed: December 17, 2003, 11:21:18
Job time : 10 secs

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OM nucleic - nucleic search, using sw model

Run on: December 17, 2003, 10:56:39 / Search time 15 Seconds
(without alignments)
3.134 Million cell updates/sec

Title: us-10-024-396-3

Perfect score: 1426

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Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 912 seqs, 16483 residues

Total number of hits satisfying chosen parameters: 1824

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 979 summaries

Database: rge.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32.4	2.3	34	AR112204	ACCESSION:AR112204
2	32.4	2.3	34	AR149246	ACCESSION:AR149246
3	29.4	2.1	31	AR092044	ACCESSION:AR092044
4	29.4	2.1	31	AR092046	ACCESSION:AR092046
5	29.4	2.1	31	AR092048	ACCESSION:AR092048
6	29.4	2.1	31	AR092050	ACCESSION:AR092050
7	29.4	2.1	31	AR112179	ACCESSION:AR112179
8	29.4	2.1	31	AR112181	ACCESSION:AR112181
9	29.4	2.1	31	AR112183	ACCESSION:AR112183
10	29.4	2.1	31	AR112185	ACCESSION:AR112185
11	29.4	2.1	31	AR112220	ACCESSION:AR112220
12	29.4	2.1	31	AR149221	ACCESSION:AR149221
13	29.4	2.1	31	AR149223	ACCESSION:AR149223
14	29.4	2.1	31	AR149225	ACCESSION:AR149225
15	29.4	2.1	31	AR149227	ACCESSION:AR149227
16	29.4	2.1	31	AR149262	ACCESSION:AR149262
17	27.8	1.9	31	AR112218	ACCESSION:AR112218
18	27.8	1.9	31	AR112222	ACCESSION:AR112222
19	27.8	1.9	31	AR149260	ACCESSION:AR149260
20	27.8	1.9	31	AR149264	ACCESSION:AR149264
21	19.4	1.4	21	AR112219	ACCESSION:AR112219
22	19.4	1.4	21	AR112223	ACCESSION:AR112223
23	19.4	1.4	21	AR149261	ACCESSION:AR149261
24	19.4	1.4	21	AR149265	ACCESSION:AR149265
25	18.6	1.3	25	AX690109	ACCESSION:AX690109
26	18.6	1.3	25	AX690110	ACCESSION:AX690110
27	18.4	1.3	20	AR092043	ACCESSION:AR092043
28	18.4	1.3	20	AR092045	ACCESSION:AR092045
29	18.4	1.3	20	AR092047	ACCESSION:AR092047
30	18.4	1.3	20	AR092049	ACCESSION:AR092049
31	18.4	1.3	20	AR112178	ACCESSION:AR112178
32	18.4	1.3	20	AR112180	ACCESSION:AR112180
33	18.4	1.3	20	AR112182	ACCESSION:AR112182
34	18.4	1.3	20	AR112184	ACCESSION:AR112184
35	18.4	1.3	20	AR149220	ACCESSION:AR149220
36	18.4	1.3	20	AR149222	ACCESSION:AR149222
37	18.4	1.3	20	AR149224	ACCESSION:AR149224
38	18.4	1.3	20	AR149226	ACCESSION:AR149226
39	18.2	1.3	25	AX690107	ACCESSION:AX690107
40	18.2	1.3	25	AX690108	ACCESSION:AX690108
41	17.8	1.2	21	AR112217	ACCESSION:AR112217
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43	17.8	1.2	21	AR149259	ACCESSION:AR149259
44	17.8	1.2	21	AR149263	ACCESSION:AR149263
45	17.8	1.2	24	AR196976	ACCESSION:AR196976
46	17.8	1.2	24	AR259130	ACCESSION:AR259130
47	17.8	1.2	25	AX690105	ACCESSION:AX690105
48	17.8	1.2	25	AX690106	ACCESSION:AX690106
49	17.8	1.2	25	AX690107	ACCESSION:AX690107
50	17.6	1.2	24	AX493158	ACCESSION:AX493158
51	17.6	1.2	25	AX690111	ACCESSION:AX690111
52	17.4	1.2	19	AR239541	ACCESSION:AR239541
53	16.8	1.2	20	AR266026	ACCESSION:AR266026
54	16.4	1.2	21	AX096805	ACCESSION:AX096805
55	16.4	1.2	22	AX511799	ACCESSION:AX511799
56	16.2	1.1	22	AX203606	ACCESSION:AX203606
57	16.2	1.1	22	AX614438	ACCESSION:AX614438
58	16.2	1.1	23	AX614439	ACCESSION:AX614439
59	16.2	1.1	23	AB9729	ACCESSION:AB9729
60	16.2	1.1	23	BD064116	ACCESSION:BD064116
61	16	1.1	22	E29883	ACCESSION:E29883
62	16	1.1	22	AR142908	ACCESSION:AR142908
63	15.8	1.1	20	DOGP35102	ACCESSION:L24239
64	15.8	1.1	20	AR293881	ACCESSION:AR293881
65	15.8	1.1	22	AX430206	ACCESSION:AX430206
66	15.8	1.1	22	AX614438	ACCESSION:AX614438
67	15.8	1.1	23	AB9729	ACCESSION:AB9729
68	15.8	1.1	23	BD064116	ACCESSION:BD064116
69	15.6	1.1	22	AX628493	ACCESSION:AX628493
70	15.6	1.1	22	AX628494	ACCESSION:AX628494
71	15.6	1.1	22	AX702996	ACCESSION:AX702996
72	15.6	1.1	22	AX702999	ACCESSION:AX702999
73	15.6	1.1	22	AX713231	ACCESSION:AX713231
74	15.4	1.1	17	AB9455	ACCESSION:AB9455
75	15.4	1.1	17	AR192536	ACCESSION:AR192536
76	15.4	1.1	17	AX499162	ACCESSION:AX499162
77	15.4	1.1	17	AX673076	ACCESSION:AX673076
78	15.4	1.1	17	AX688732	ACCESSION:AX688732
79	15.4	1.1	17	AX723846	ACCESSION:AX723846
80	15.4	1.1	18	BD066968	ACCESSION:BD066968
81	15.4	1.1	18	AX084272	ACCESSION:AX084272
82	15.4	1.1	18	AX084275	ACCESSION:AX084275
83	15.4	1.1	19	AB068582	ACCESSION:AB068582
84	15.4	1.1	20	AR271800	ACCESSION:AR271800
85	15.4	1.1	20	AX020020	ACCESSION:AX020020
86	15.4	1.1	21	AJ7934	ACCESSION:AJ7934
87	15.2	1.1	20	AR100344	ACCESSION:AR100344
88	15.2	1.1	20	AR149999	ACCESSION:AR149999
89	15.2	1.1	20	AX292819	ACCESSION:AX292819
90	15.2	1.1	20	AX292919	ACCESSION:AX292919
91	15.2	1.1	20	BD177429	ACCESSION:BD177429
92	15.2	1.1	20	AX474015	ACCESSION:AX474015
93	15.2	1.1	21	AR106061	ACCESSION:AR106061
94	15.2	1.1	21	AR258506	ACCESSION:AR258506
95	15.2	1.1	21	AX156131	ACCESSION:AX156131
96	15.2	1.1	21	AX174772	ACCESSION:AX174772
97	15.2	1.1	21	AX613449	ACCESSION:AX613449
98	15.2	1.1	21	AR152740	ACCESSION:AR152740
99	15	1.1	20	AR152772	ACCESSION:AR152772
100	15	1.1	20	AR169291	ACCESSION:AR169291
101	15	1.1	20	AR169323	ACCESSION:AR169323
102	15	1.1	20	AR252779	ACCESSION:AR252779
103	15	1.1	20	AR252799	ACCESSION:AR252799
104	15	1.1	20	BD134196	ACCESSION:BD134196
105	15	1.1	20	BD134228	ACCESSION:BD134228
106	15	1.1	20	BD134228	ACCESSION:BD134228

C 107	15	1.1	21	1	AR091654	ACCESSION:AR091654
C 108	15	1.1	21	1	AR243442	ACCESSION:AR243442
C 109	15	1.1	21	1	AX113456	ACCESSION:AX113456
C 110	15	1.1	21	1	AX113591	ACCESSION:AX113591
C 111	15	1.1	21	1	BD011172	ACCESSION:BD011172
C 112	15	1.1	21	1	AX711184	ACCESSION:AX711184
C 113	14.8	1.0	18	1	I78713	ACCESSION:I78713
C 114	14.8	1.0	19	1	AX12154	ACCESSION:AX12154
C 115	14.8	1.0	19	1	AX12154	ACCESSION:AX12154
C 116	14.8	1.0	19	1	AX12154	ACCESSION:AX12154
C 117	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 118	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 119	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 120	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 121	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 122	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 123	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 124	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 125	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 126	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 127	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 128	14.8	1.0	20	1	AR091654	ACCESSION:AR091654
C 129	14.8	1.0	21	1	AX145835	ACCESSION:AX145835
C 130	14.8	1.0	21	1	AX153927	ACCESSION:AX153927
C 131	14.8	1.0	21	1	AX391937	ACCESSION:AX391937
C 132	14.8	1.0	21	1	AX391937	ACCESSION:AX391937
C 133	14.8	1.0	21	1	MMU459725	ACCESSION:MMU459725
C 134	14.4	1.0	16	1	AR083065	ACCESSION:AR083065
C 135	14.4	1.0	17	1	AR167922	ACCESSION:AR167922
C 136	14.4	1.0	17	1	AR167922	ACCESSION:AR167922
C 137	14.4	1.0	17	1	AR167922	ACCESSION:AR167922
C 138	14.4	1.0	17	1	AX215228	ACCESSION:AX215228
C 139	14.4	1.0	17	1	AX215229	ACCESSION:AX215229
C 140	14.4	1.0	17	1	AX499163	ACCESSION:AX499163
C 141	14.4	1.0	17	1	AX499163	ACCESSION:AX499163
C 142	14.4	1.0	17	1	AX688603	ACCESSION:AX688603
C 143	14.4	1.0	17	1	AX688604	ACCESSION:AX688604
C 144	14.4	1.0	17	1	AX688729	ACCESSION:AX688729
C 145	14.4	1.0	17	1	AX688730	ACCESSION:AX688730
C 146	14.4	1.0	17	1	AX688731	ACCESSION:AX688731
C 147	14.4	1.0	17	1	AX688733	ACCESSION:AX688733
C 148	14.4	1.0	18	1	AX599446	ACCESSION:AX599446
C 149	14.4	1.0	18	1	AX599446	ACCESSION:AX599446
C 150	14.4	1.0	19	1	AX412021	ACCESSION:AX412021
C 151	14.4	1.0	19	1	AX527791	ACCESSION:AX527791
C 152	14.4	1.0	19	1	AX686090	ACCESSION:AX686090
C 153	14.4	1.0	20	1	AR315921	ACCESSION:AR315921
C 154	14.4	1.0	20	1	AX114458	ACCESSION:AX114458
C 155	14.4	1.0	20	1	AX135955	ACCESSION:AX135955
C 156	14.4	1.0	20	1	AX598337	ACCESSION:AX598337
C 157	14.4	1.0	20	1	AX62813	ACCESSION:AX62813
C 158	14.4	1.0	20	1	E50262	ACCESSION:E50262
C 159	14.4	1.0	20	1	E50262	ACCESSION:E50262
C 160	14.4	1.0	20	1	E50262	ACCESSION:E50262
C 161	14.4	1.0	20	1	E50262	ACCESSION:E50262
C 162	14.4	1.0	20	1	HIM624UVA	ACCESSION:HIM624UVA
C 163	14.2	1.0	19	1	AX2487	ACCESSION:AX2487
C 164	14.2	1.0	19	1	AX2487	ACCESSION:AX2487
C 165	14.2	1.0	19	1	AX548431	ACCESSION:AX548431
C 166	14.2	1.0	19	1	AX742614	ACCESSION:AX742614
C 167	14.2	1.0	20	1	A71390	ACCESSION:A71390
C 168	14.2	1.0	20	1	AR036622	ACCESSION:AR036622
C 169	14.2	1.0	20	1	AR072302	ACCESSION:AR072302
C 170	14.2	1.0	20	1	AR079642	ACCESSION:AR079642
C 171	14.2	1.0	20	1	AR102405	ACCESSION:AR102405
C 172	14.2	1.0	20	1	AR116543	ACCESSION:AR116543
C 173	14.2	1.0	20	1	AR116551	ACCESSION:AR116551
C 174	14.2	1.0	20	1	AR130115	ACCESSION:AR130115
C 175	14.2	1.0	20	1	AR136393	ACCESSION:AR136393
C 176	14.2	1.0	20	1	AR136425	ACCESSION:AR136425
C 177	14.2	1.0	20	1	AR144303	ACCESSION:AR144303
C 178	14.2	1.0	20	1	AR201440	ACCESSION:AR201440
C 179	14.2	1.0	20	1	AR203108	ACCESSION:AR203108
C 180	14.2	1.0	20	1	AR203109	ACCESSION:AR203109
C 181	14.2	1.0	20	1	AR208773	ACCESSION:AR208773
C 182	14.2	1.0	20	1	AR217884	ACCESSION:AR217884
C 183	14.2	1.0	20	1	AR221444	ACCESSION:AR221444
C 184	14.2	1.0	20	1	AR221468	ACCESSION:AR221468
C 185	14.2	1.0	20	1	AR300657	ACCESSION:AR300657
C 186	14.2	1.0	20	1	AR307936	ACCESSION:AR307936
C 187	14.2	1.0	20	1	AR307953	ACCESSION:AR307953
C 188	14.2	1.0	20	1	AX020034	ACCESSION:AX020034
C 189	14.2	1.0	20	1	AX020073	ACCESSION:AX020073
C 190	14.2	1.0	20	1	AX020673	ACCESSION:AX020673
C 191	14.2	1.0	20	1	AX061801	ACCESSION:AX061801
C 192	14.2	1.0	20	1	AX180388	ACCESSION:AX180388
C 193	14.2	1.0	20	1	AX293011	ACCESSION:AX293011
C 194	14.2	1.0	20	1	AX297126	ACCESSION:AX297126
C 195	14.2	1.0	20	1	AX298809	ACCESSION:AX298809
C 196	14.2	1.0	20	1	AX298836	ACCESSION:AX298836
C 197	14.2	1.0	20	1	AX354307	ACCESSION:AX354307
C 198	14.2	1.0	20	1	AX377013	ACCESSION:AX377013
C 199	14.2	1.0	20	1	AX411642	ACCESSION:AX411642
C 200	14.2	1.0	20	1	AX487197	ACCESSION:AX487197
C 201	14.2	1.0	20	1	AX553860	ACCESSION:AX553860
C 202	14.2	1.0	20	1	AX587353	ACCESSION:AX587353
C 203	14.2	1.0	20	1	BD006255	ACCESSION:BD006255
C 204	14.2	1.0	20	1	BD073149	ACCESSION:BD073149
C 205	14.2	1.0	20	1	BD074708	ACCESSION:BD074708
C 206	14.2	1.0	20	1	BD128254	ACCESSION:BD128254
C 207	14.2	1.0	20	1	BD167361	ACCESSION:BD167361
C 208	14.2	1.0	20	1	BD171790	ACCESSION:BD171790
C 209	14.2	1.0	20	1	BD178851	ACCESSION:BD178851
C 210	14.2	1.0	20	1	E13817	ACCESSION:E13817
C 211	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 212	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 213	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 214	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 215	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 220	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 226	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 245	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 246	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 252	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 253	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 254	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 256	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 258	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 259	14.2	1.0	20	1	E32534	ACCESSION:E32534
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C 261	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 262	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 263	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 264	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 265	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 266	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 267	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 268	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 269	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 270	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 271	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 272	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 273	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 274	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 275	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 276	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 277	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 278	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 279	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 280	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 281	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 282	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 283	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 284	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 285	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 286	14.2	1.0	20	1	E32534	

253	13.8	1.0	17	1	BD088644	ACCESSION:BD088644	C 326	13.2	0.9	18	1	AX718711	ACCESSION:AX718711	
C 254	13.8	1.0	17	1	E36934	ACCESSION:E36934	C 327	13.2	0.9	18	1	AX718716	ACCESSION:AX718716	
C 255	13.8	1.0	17	1	167732	ACCESSION:167732	C 328	13.2	0.9	18	1	AX721028	ACCESSION:AX721028	
C 256	13.8	1.0	17	1	AB069281	ACCESSION:AB069281	C 329	13.2	0.9	18	1	BD000045	ACCESSION:BD000045	
C 257	13.8	1.0	18	1	AR098374	ACCESSION:AR098374	C 330	13.2	0.9	18	1	BD087998	ACCESSION:BD087998	
C 258	13.8	1.0	18	1	AR130064	ACCESSION:AR130064	C 331	13.2	0.9	18	1	BD089460	ACCESSION:BD089460	
C 259	13.8	1.0	18	1	AR174208	ACCESSION:AR174208	C 332	13.2	0.9	18	1	BD133656	ACCESSION:BD133656	
C 260	13.8	1.0	18	1	AR194762	ACCESSION:AR194762	C 333	13.2	0.9	18	1	BD135734	ACCESSION:BD135734	
C 261	13.8	1.0	18	1	AR200107	ACCESSION:AR200107	C 334	13.2	0.9	18	1	BD161000	ACCESSION:BD161000	
C 262	13.8	1.0	18	1	AX025023	ACCESSION:AX025023	C 335	13.2	0.9	18	1	BD167495	ACCESSION:BD167495	
C 263	13.8	1.0	18	1	AX440529	ACCESSION:AX440529	C 336	13.2	0.9	18	1	BD176978	ACCESSION:BD176978	
C 264	13.8	1.0	18	1	AX683709	ACCESSION:AX683709	C 337	13.2	0.9	18	1	BD178724	ACCESSION:BD178724	
C 265	13.8	1.0	18	1	AX713237	ACCESSION:AX713237	C 338	13.2	0.9	18	1	126840	ACCESSION:BD178724	
C 266	13.8	1.0	18	1	157024	ACCESSION:157024	C 339	13.2	0.9	18	1	191581	ACCESSION:126840	
C 267	13.8	1.0	19	1	AR295607	ACCESSION:AR295607	C 340	13.2	0.9	18	1	AB067849	ACCESSION:191581	
C 268	13.8	1.0	19	1	AX129174	ACCESSION:AX129174	C 341	13.2	0.9	18	1	AB068799	ACCESSION:AB067849	
C 269	13.8	1.0	19	1	AX132153	ACCESSION:AX132153	C 342	13.2	0.9	18	1	AB068799	ACCESSION:AB068799	
C 270	13.8	1.0	19	1	AX132407	ACCESSION:AX132407	C 343	13.2	0.9	18	1	AX419943	ACCESSION:AX419943	
C 271	13.6	1.0	20	1	BD167361	ACCESSION:BD167361	C 344	13.2	0.9	17	1	AR098743	ACCESSION:AR098743	
C 272	13.4	0.9	15	1	AR133621	ACCESSION:AR133621	C 345	13.2	0.9	17	1	AR104984	ACCESSION:AR104984	
C 273	13.4	0.9	15	1	AX636234	ACCESSION:AX636234	C 346	13.2	0.9	17	1	AR145947	ACCESSION:AR145947	
C 274	13.4	0.9	15	1	161740	ACCESSION:161740	C 347	13.2	0.9	17	1	AR154187	ACCESSION:AR154187	
C 275	13.4	0.9	15	1	AX076025	ACCESSION:AX076025	C 348	13.2	0.9	17	1	AR179289	ACCESSION:AR179289	
C 276	13.4	0.9	17	1	AR188516	ACCESSION:AR188516	C 349	13.2	0.9	17	1	AR179289	ACCESSION:AR179289	
C 277	13.4	0.9	17	1	AR188518	ACCESSION:AR188518	C 350	13.2	0.9	17	1	AR302769	ACCESSION:AR302769	
C 278	13.4	0.9	17	1	AX216067	ACCESSION:AX216067	C 351	13.2	0.9	17	1	AX210213	ACCESSION:AX210213	
C 279	13.4	0.9	17	1	AX216293	ACCESSION:AX216293	C 352	13.2	0.9	17	1	AX215713	ACCESSION:AX215713	
C 280	13.4	0.9	17	1	AX272672	ACCESSION:AX272672	C 353	13.2	0.9	17	1	AX216210	ACCESSION:AX216210	
C 281	13.4	0.9	17	1	AX273006	ACCESSION:AX273006	C 354	13.2	0.9	17	1	AX216494	ACCESSION:AX216494	
C 282	13.4	0.9	17	1	AX499160	ACCESSION:AX499160	C 355	13.2	0.9	17	1	AX216625	ACCESSION:AX216625	
C 283	13.4	0.9	17	1	AX688602	ACCESSION:AX688602	C 356	13.2	0.9	17	1	AX421784	ACCESSION:AX421784	
C 284	13.4	0.9	17	1	AX688728	ACCESSION:AX688728	C 357	13.2	0.9	17	1	AX421785	ACCESSION:AX421785	
C 285	13.4	0.9	17	1	AX688734	ACCESSION:AX688734	C 358	13.2	0.9	17	1	AX421786	ACCESSION:AX421786	
C 286	13.4	0.9	17	1	AX727130	ACCESSION:AX727130	C 359	13.2	0.9	17	1	AX422401	ACCESSION:AX422401	
C 287	13.4	0.9	17	1	AX727939	ACCESSION:AX727939	C 360	13.2	0.9	17	1	AX422402	ACCESSION:AX422402	
C 288	13.4	0.9	17	1	AX735651	ACCESSION:AX735651	C 361	13.2	0.9	17	1	AX499166	ACCESSION:AX499166	
C 289	13.4	0.9	18	1	AR058208	ACCESSION:AR058208	C 362	13.2	0.9	17	1	AX578291	ACCESSION:AX578291	
C 290	13.4	0.9	18	1	AR067361	ACCESSION:AR067361	C 363	13.2	0.9	17	1	AX579401	ACCESSION:AX579401	
C 291	13.4	0.9	18	1	AR095383	ACCESSION:AR095383	C 364	13.2	0.9	17	1	AX673590	ACCESSION:AX673590	
C 292	13.4	0.9	18	1	AR099355	ACCESSION:AR099355	C 365	13.2	0.9	17	1	AX727261	ACCESSION:AX727261	
C 293	13.4	0.9	18	1	AR106968	ACCESSION:AR106968	C 366	13.2	0.9	17	1	AX728721	ACCESSION:AX728721	
C 294	13.4	0.9	18	1	AR142361	ACCESSION:AR142361	C 367	13.2	0.9	17	1	B35291	ACCESSION:AX728721	
C 295	13.4	0.9	18	1	AR181556	ACCESSION:AR181556	C 368	13.2	0.9	17	1	B35702	ACCESSION:AX728721	
C 296	13.4	0.9	18	1	AR181596	ACCESSION:AR181596	C 369	13.2	0.9	18	1	AR076370	ACCESSION:AR076370	
C 297	13.4	0.9	18	1	AR266208	ACCESSION:AR266208	C 370	13.2	0.9	18	1	AR076370	ACCESSION:AR076370	
C 298	13.4	0.9	19	1	AR266208	ACCESSION:AR266208	C 371	13.2	0.9	18	1	AR106868	ACCESSION:AR106868	
C 299	13.4	0.9	19	1	AR293097	ACCESSION:AR293097	C 372	13.2	0.9	18	1	AR106903	ACCESSION:AR106903	
C 300	13.4	0.9	19	1	AX129899	ACCESSION:AX129899	C 373	13.2	0.9	18	1	AR137991	ACCESSION:AR137991	
C 301	13.4	0.9	19	1	AX132156	ACCESSION:AX132156	C 374	13.2	0.9	18	1	AX119384	ACCESSION:AX119384	
C 302	13.4	0.9	19	1	AX132157	ACCESSION:AX132157	C 375	13.2	0.9	16	1	AX357001	ACCESSION:AX357001	
C 303	13.4	0.9	19	1	AX193678	ACCESSION:AX193678	C 376	12.8	0.9	16	1	AX2666	ACCESSION:AX357001	
C 304	13.4	0.9	19	1	BD168189	ACCESSION:BD168189	C 377	12.8	0.9	16	1	AB8856	ACCESSION:AX2666	
C 305	13.4	0.9	19	1	188039	ACCESSION:188039	C 378	12.8	0.9	16	1	AR057389	ACCESSION:AB8856	
C 306	13.4	0.9	19	1	195652	ACCESSION:195652	C 379	12.8	0.9	16	1	AR115147	ACCESSION:AR057389	
C 307	13.2	0.9	18	1	A30038	ACCESSION:A30038	C 380	12.8	0.9	16	1	AR243246	ACCESSION:AR115147	
C 308	13.2	0.9	18	1	A46967	ACCESSION:A46967	C 381	12.8	0.9	16	1	AX634447	ACCESSION:AR243246	
C 309	13.2	0.9	18	1	A46991	ACCESSION:A46991	C 382	12.8	0.9	16	1	BD066369	ACCESSION:AX634447	
C 310	13.2	0.9	18	1	AR012022	ACCESSION:AR012022	C 383	12.8	0.9	17	1	AX688732	ACCESSION:BD066369	
C 311	13.2	0.9	18	1	AR102336	ACCESSION:AR102336	C 384	12.8	0.9	17	1	AX688731	ACCESSION:AX688732	
C 312	13.2	0.9	18	1	AR102354	ACCESSION:AR102354	C 385	12.8	0.9	17	1	A06306	ACCESSION:AX688731	
C 313	13.2	0.9	18	1	AR106769	ACCESSION:AR106769	C 386	12.8	0.9	17	1	AB4875	ACCESSION:A06306	
C 314	13.2	0.9	18	1	AR107112	ACCESSION:AR107112	C 387	12.8	0.9	17	1	AR039615	ACCESSION:AB4875	
C 315	13.2	0.9	18	1	AR107113	ACCESSION:AR107113	C 388	12.8	0.9	17	1	AR039615	ACCESSION:AR039615	
C 316	13.2	0.9	18	1	AR300592	ACCESSION:AR300592	C 389	12.8	0.9	17	1	AR045771	ACCESSION:AR039615	
C 317	13.2	0.9	18	1	AR300593	ACCESSION:AR300593	C 390	12.8	0.9	17	1	AR045771	ACCESSION:AR045771	
C 318	13.2	0.9	18	1	AX268101	ACCESSION:AX268101	C 391	12.8	0.9	17	1	AR173373	ACCESSION:AR045771	
C 319	13.2	0.9	18	1	AX323725	ACCESSION:AX323725	C 392	12.8	0.9	17	1	AR186628	ACCESSION:AR173373	
C 320	13.2	0.9	18	1	AX391653	ACCESSION:AX391653	C 393	12.8	0.9	17	1	AR192425	ACCESSION:AR186628	
C 321	13.2	0.9	18	1	AX391802	ACCESSION:AX391802	C 394	12.8	0.9	17	1	AR192425	ACCESSION:AR192425	
C 322	13.2	0.9	18	1	AX453148	ACCESSION:AX453148	C 395	12.8	0.9	17	1	AR195653	ACCESSION:AR192425	
C 323	13.2	0.9	18	1	AX453810	ACCESSION:AX453810	C 396	12.8	0.9	17	1	AR196291	ACCESSION:AR195653	
C 324	13.2	0.9	18	1	AX697399	ACCESSION:AX697399	C 397	12.8	0.9	17	1	AX099953	ACCESSION:AR196291	
C 325	13.2	0.9	18	1	AX711951	ACCESSION:AX711951	C 398	12.8	0.9	17	1	AX214582	ACCESSION:AX099953	
												AX215437	ACCESSION:AX214582	
													AX215437	ACCESSION:AX215437

399	12.8	0.9	17	1	AX215516	ACCESSION:AX215516	C 472	12.8	0.9	18	1	AR035180	ACCESSION:AR035180
C 400	12.8	0.9	17	1	AX215976	ACCESSION:AX215976	C 473	12.8	0.9	18	1	AR042524	ACCESSION:AR042524
C 401	12.8	0.9	17	1	AX216158	ACCESSION:AX216158	C 474	12.8	0.9	18	1	AR058404	ACCESSION:AR058404
C 402	12.8	0.9	17	1	AX218216	ACCESSION:AX218216	C 475	12.8	0.9	18	1	AR083096	ACCESSION:AR083096
C 403	12.8	0.9	17	1	AX226916	ACCESSION:AX226916	C 476	12.8	0.9	18	1	AR084526	ACCESSION:AR084526
C 404	12.8	0.9	17	1	AX227231	ACCESSION:AX227231	C 477	12.8	0.9	18	1	AR084527	ACCESSION:AR084527
C 405	12.8	0.9	17	1	AX227232	ACCESSION:AX227232	C 478	12.8	0.9	18	1	AR085593	ACCESSION:AR085593
C 406	12.8	0.9	17	1	AX227407	ACCESSION:AX227407	C 479	12.8	0.9	18	1	AR088230	ACCESSION:AR088230
C 407	12.8	0.9	17	1	AX250512	ACCESSION:AX250512	C 480	12.8	0.9	18	1	AR092871	ACCESSION:AR092871
C 408	12.8	0.9	17	1	AX272586	ACCESSION:AX272586	C 481	12.8	0.9	18	1	AR098347	ACCESSION:AR098347
C 409	12.8	0.9	17	1	AX319358	ACCESSION:AX319358	C 482	12.8	0.9	18	1	AR098767	ACCESSION:AR098767
C 410	12.8	0.9	17	1	AX325921	ACCESSION:AX325921	C 483	12.8	0.9	18	1	AR106952	ACCESSION:AR106952
C 411	12.8	0.9	17	1	AX325922	ACCESSION:AX325922	C 484	12.8	0.9	18	1	AR147446	ACCESSION:AR147446
C 412	12.8	0.9	17	1	AX423713	ACCESSION:AX423713	C 485	12.8	0.9	18	1	AR172136	ACCESSION:AR172136
C 413	12.8	0.9	17	1	AX475122	ACCESSION:AX475122	C 486	12.8	0.9	18	1	AR174181	ACCESSION:AR174181
C 414	12.8	0.9	17	1	AX475123	ACCESSION:AX475123	C 487	12.8	0.9	18	1	AR189007	ACCESSION:AR189007
C 415	12.8	0.9	17	1	AX475143	ACCESSION:AX475143	C 488	12.8	0.9	18	1	AR196126	ACCESSION:AR196126
C 416	12.8	0.9	17	1	AX475144	ACCESSION:AX475144	C 489	12.8	0.9	18	1	AR200500	ACCESSION:AR200500
C 417	12.8	0.9	17	1	AX494948	ACCESSION:AX494948	C 490	12.8	0.9	18	1	AR211098	ACCESSION:AR211098
C 418	12.8	0.9	17	1	AX494948	ACCESSION:AX494948	C 491	12.8	0.9	18	1	AR274633	ACCESSION:AR274633
C 419	12.8	0.9	17	1	AX500279	ACCESSION:AX500279	C 492	12.8	0.9	18	1	AR295552	ACCESSION:AR295552
C 420	12.8	0.9	17	1	AX500280	ACCESSION:AX500280	C 493	12.8	0.9	18	1	AR295679	ACCESSION:AR295679
C 421	12.8	0.9	17	1	AX527121	ACCESSION:AX527121	C 494	12.8	0.9	18	1	AR296438	ACCESSION:AR296438
C 422	12.8	0.9	17	1	AX527123	ACCESSION:AX527123	C 495	12.8	0.9	18	1	AR298838	ACCESSION:AR298838
C 423	12.8	0.9	17	1	AX531966	ACCESSION:AX531966	C 496	12.8	0.9	18	1	AX005410	ACCESSION:AX005410
C 424	12.8	0.9	17	1	AX531967	ACCESSION:AX531967	C 497	12.8	0.9	18	1	AX039152	ACCESSION:AX039152
C 425	12.8	0.9	17	1	AX532585	ACCESSION:AX532585	C 498	12.8	0.9	18	1	AX134736	ACCESSION:AX134736
C 426	12.8	0.9	17	1	AX532586	ACCESSION:AX532586	C 499	12.8	0.9	18	1	AX134565	ACCESSION:AX134565
C 427	12.8	0.9	17	1	AX555517	ACCESSION:AX555517	C 500	12.8	0.9	18	1	AX250500	ACCESSION:AX250500
C 428	12.8	0.9	17	1	AX573352	ACCESSION:AX573352	C 501	12.8	0.9	18	1	AX301864	ACCESSION:AX301864
C 429	12.8	0.9	17	1	AX578332	ACCESSION:AX578332	C 502	12.8	0.9	18	1	AX356967	ACCESSION:AX356967
C 430	12.8	0.9	17	1	AX578333	ACCESSION:AX578333	C 503	12.8	0.9	18	1	AX468124	ACCESSION:AX468124
C 431	12.8	0.9	17	1	AX616051	ACCESSION:AX616051	C 504	12.8	0.9	18	1	AX599328	ACCESSION:AX599328
C 432	12.8	0.9	17	1	AX616088	ACCESSION:AX616088	C 505	12.8	0.9	18	1	AX599445	ACCESSION:AX599445
C 433	12.8	0.9	17	1	AX648951	ACCESSION:AX648951	C 506	12.8	0.9	18	1	AX705816	ACCESSION:AX705816
C 434	12.8	0.9	17	1	AX648953	ACCESSION:AX648953	C 507	12.8	0.9	18	1	AX718610	ACCESSION:AX718610
C 435	12.8	0.9	17	1	AX688218	ACCESSION:AX688218	C 508	12.8	0.9	18	1	AX734274	ACCESSION:AX734274
C 436	12.8	0.9	17	1	AX688219	ACCESSION:AX688219	C 509	12.8	0.9	18	1	BD022411	ACCESSION:BD022411
C 437	12.8	0.9	17	1	AX688609	ACCESSION:AX688609	C 510	12.8	0.9	18	1	BD065386	ACCESSION:BD065386
C 438	12.8	0.9	17	1	AX693065	ACCESSION:AX693065	C 511	12.8	0.9	18	1	BD103982	ACCESSION:BD103982
C 439	12.8	0.9	17	1	AX693066	ACCESSION:AX693066	C 512	12.8	0.9	18	1	BD165776	ACCESSION:BD165776
C 440	12.8	0.9	17	1	AX722388	ACCESSION:AX722388	C 513	12.8	0.9	18	1	B06700	ACCESSION:B06700
C 441	12.8	0.9	17	1	AX723615	ACCESSION:AX723615	C 514	12.8	0.9	18	1	B23737	ACCESSION:B23737
C 442	12.8	0.9	17	1	AX724146	ACCESSION:AX724146	C 515	12.8	0.9	18	1	B35235	ACCESSION:B35235
C 443	12.8	0.9	17	1	AX724851	ACCESSION:AX724851	C 516	12.8	0.9	18	1	B39166	ACCESSION:B39166
C 444	12.8	0.9	17	1	AX724986	ACCESSION:AX724986	C 517	12.8	0.9	18	1	B39800	ACCESSION:B39800
C 445	12.8	0.9	17	1	AX726777	ACCESSION:AX726777	C 518	12.8	0.9	18	1	B46259	ACCESSION:B46259
C 446	12.8	0.9	17	1	AX727293	ACCESSION:AX727293	C 519	12.8	0.9	18	1	B61198	ACCESSION:B61198
C 447	12.8	0.9	17	1	AX728736	ACCESSION:AX728736	C 520	12.8	0.9	18	1	B66211	ACCESSION:B66211
C 448	12.8	0.9	17	1	AX729407	ACCESSION:AX729407	C 521	12.8	0.9	18	1	B74498	ACCESSION:B74498
C 449	12.8	0.9	17	1	AX729777	ACCESSION:AX729777	C 522	12.6	0.9	15	1	AX377093	ACCESSION:AX377093
C 450	12.8	0.9	17	1	AX730229	ACCESSION:AX730229	C 523	12.4	0.9	14	1	AX419945	ACCESSION:AX419945
C 451	12.8	0.9	17	1	AX730853	ACCESSION:AX730853	C 524	12.4	0.9	15	1	AR033598	ACCESSION:AR033598
C 452	12.8	0.9	17	1	AX731672	ACCESSION:AX731672	C 525	12.4	0.9	15	1	AR041422	ACCESSION:AR041422
C 453	12.8	0.9	17	1	AX733314	ACCESSION:AX733314	C 526	12.4	0.9	15	1	AR056147	ACCESSION:AR056147
C 454	12.8	0.9	17	1	AX735417	ACCESSION:AX735417	C 527	12.4	0.9	15	1	AR113420	ACCESSION:AR113420
C 455	12.8	0.9	17	1	AX736063	ACCESSION:AX736063	C 528	12.4	0.9	15	1	AR113905	ACCESSION:AR113905
C 456	12.8	0.9	17	1	AX736421	ACCESSION:AX736421	C 529	12.4	0.9	15	1	AR180441	ACCESSION:AR180441
C 457	12.8	0.9	17	1	AX737740	ACCESSION:AX737740	C 530	12.4	0.9	15	1	AX057554	ACCESSION:AX057554
C 458	12.8	0.9	17	1	AX739703	ACCESSION:AX739703	C 531	12.4	0.9	15	1	AX085033	ACCESSION:AX085033
C 459	12.8	0.9	17	1	BD104205	ACCESSION:BD104205	C 532	12.4	0.9	15	1	AX104861	ACCESSION:AX104861
C 460	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 533	12.4	0.9	15	1	AX547914	ACCESSION:AX547914
C 461	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 534	12.4	0.9	15	1	AX633177	ACCESSION:AX633177
C 462	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 535	12.4	0.9	15	1	AX636045	ACCESSION:AX636045
C 463	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 536	12.4	0.9	15	1	AX636902	ACCESSION:AX636902
C 464	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 537	12.4	0.9	15	1	BD013390	ACCESSION:BD013390
C 465	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 538	12.4	0.9	15	1	BD178528	ACCESSION:BD178528
C 466	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 539	12.4	0.9	15	1	BD178528	ACCESSION:BD178528
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C 470	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 543	12.4	0.9	15	1	BD178528	ACCESSION:BD178528
C 471	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 544	12.4	0.9	15	1	BD178528	ACCESSION:BD178528

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C 546	12.4	0.9	16	1	AX252970	ACCESSION:AX252970	c 619	12.4	0.9	17	1	AX732254	ACCESSION:AX732254
C 547	12.4	0.9	16	1	BD060002	ACCESSION:BD060002	c 620	12.4	0.9	17	1	AX732290	ACCESSION:AX732290
548	12.4	0.9	16	1	BD104144	ACCESSION:BD104144	c 621	12.4	0.9	17	1	AX733188	ACCESSION:AX733188
549	12.4	0.9	16	1	E33197	ACCESSION:E33197	c 622	12.4	0.9	17	1	AX735031	ACCESSION:AX735031
C 550	12.4	0.9	16	1	I34993	ACCESSION:I34993	c 623	12.4	0.9	17	1	AX735249	ACCESSION:AX735249
C 551	12.4	0.9	17	1	AX688733	ACCESSION:AX688733	c 624	12.4	0.9	17	1	AX736325	ACCESSION:AX736325
C 552	12.4	0.9	17	1	AX688734	ACCESSION:AX688734	c 625	12.4	0.9	17	1	AX736413	ACCESSION:AX736413
C 553	12.4	0.9	17	1	A25093	ACCESSION:A25093	c 626	12.4	0.9	17	1	AX737475	ACCESSION:AX737475
C 554	12.4	0.9	17	1	A25094	ACCESSION:A25094	c 627	12.4	0.9	17	1	AX737849	ACCESSION:AX737849
555	12.4	0.9	17	1	AR039547	ACCESSION:AR039547	c 628	12.4	0.9	17	1	AX737940	ACCESSION:AX737940
556	12.4	0.9	17	1	AR039549	ACCESSION:AR039549	c 629	12.4	0.9	17	1	AX738928	ACCESSION:AX738928
557	12.4	0.9	17	1	AR039629	ACCESSION:AR039629	c 630	12.4	0.9	17	1	BD105192	ACCESSION:BD105192
558	12.4	0.9	17	1	AR039765	ACCESSION:AR039765	c 631	12.4	0.9	17	1	I38731	ACCESSION:I38731
559	12.4	0.9	17	1	AR039767	ACCESSION:AR039767	c 632	12.4	0.9	17	1	I38732	ACCESSION:I38732
C 560	12.4	0.9	17	1	AR046766	ACCESSION:AR046766	c 633	12.4	0.9	17	1	I53818	ACCESSION:I53818
C 561	12.4	0.9	17	1	AR047298	ACCESSION:AR047298	c 634	12.4	0.9	17	1	I54350	ACCESSION:I54350
C 562	12.4	0.9	17	1	AR047770	ACCESSION:AR047770	c 635	12.4	0.9	17	1	I54822	ACCESSION:I54822
C 563	12.4	0.9	17	1	AR101699	ACCESSION:AR101699	c 636	12.4	0.9	17	1	I81340	ACCESSION:I81340
C 564	12.4	0.9	17	1	AR186630	ACCESSION:AR186630	c 637	12.4	0.9	17	1	I81341	ACCESSION:I81341
C 565	12.4	0.9	17	1	AR186630	ACCESSION:AR186630	c 638	12.2	0.9	17	1	AX739703	ACCESSION:AX739703
C 566	12.4	0.9	17	1	AR286414	ACCESSION:AR286414	c 639	12.2	0.9	17	1	A26686	ACCESSION:A26686
567	12.4	0.9	17	1	AX284698	ACCESSION:AX284698	c 640	12.2	0.9	17	1	A79449	ACCESSION:A79449
C 568	12.4	0.9	17	1	AX137487	ACCESSION:AX137487	c 641	12.2	0.9	17	1	A79449	ACCESSION:A79449
C 569	12.4	0.9	17	1	AX214599	ACCESSION:AX214599	c 642	12.2	0.9	17	1	A89392	ACCESSION:A89392
C 570	12.4	0.9	17	1	AX214618	ACCESSION:AX214618	c 643	12.2	0.9	17	1	A97833	ACCESSION:A97833
C 571	12.4	0.9	17	1	AX215979	ACCESSION:AX215979	c 644	12.2	0.9	17	1	AR032101	ACCESSION:AR032101
C 572	12.4	0.9	17	1	AX216142	ACCESSION:AX216142	c 645	12.2	0.9	17	1	AR039743	ACCESSION:AR039743
573	12.4	0.9	17	1	AX218180	ACCESSION:AX218180	c 646	12.2	0.9	17	1	AR039747	ACCESSION:AR039747
574	12.4	0.9	17	1	AX218315	ACCESSION:AX218315	c 647	12.2	0.9	17	1	AR040071	ACCESSION:AR040071
C 575	12.4	0.9	17	1	AX226887	ACCESSION:AX226887	c 648	12.2	0.9	17	1	AR040071	ACCESSION:AR040071
C 576	12.4	0.9	17	1	AX227244	ACCESSION:AX227244	c 649	12.2	0.9	17	1	AR046600	ACCESSION:AR046600
C 577	12.4	0.9	17	1	AX227504	ACCESSION:AX227504	c 650	12.2	0.9	17	1	AR046624	ACCESSION:AR046624
578	12.4	0.9	17	1	AX227619	ACCESSION:AX227619	c 651	12.2	0.9	17	1	AR046790	ACCESSION:AR046790
C 579	12.4	0.9	17	1	AX272673	ACCESSION:AX272673	c 652	12.2	0.9	17	1	AR047186	ACCESSION:AR047186
C 580	12.4	0.9	17	1	AX298318	ACCESSION:AX298318	c 653	12.2	0.9	17	1	AR046894	ACCESSION:AR046894
581	12.4	0.9	17	1	AX422687	ACCESSION:AX422687	c 654	12.2	0.9	17	1	AR054126	ACCESSION:AR054126
582	12.4	0.9	17	1	AX422955	ACCESSION:AX422955	c 655	12.2	0.9	17	1	AR057795	ACCESSION:AR057795
583	12.4	0.9	17	1	AX422956	ACCESSION:AX422956	c 656	12.2	0.9	17	1	AR089198	ACCESSION:AR089198
C 584	12.4	0.9	17	1	AX475120	ACCESSION:AX475120	c 657	12.2	0.9	17	1	AR105854	ACCESSION:AR105854
C 585	12.4	0.9	17	1	AX475121	ACCESSION:AX475121	c 658	12.2	0.9	17	1	AR115553	ACCESSION:AR115553
586	12.4	0.9	17	1	AX475211	ACCESSION:AX475211	c 659	12.2	0.9	17	1	AR123653	ACCESSION:AR123653
587	12.4	0.9	17	1	AX475212	ACCESSION:AX475212	c 660	12.2	0.9	17	1	AR156921	ACCESSION:AR156921
588	12.4	0.9	17	1	AX475213	ACCESSION:AX475213	c 661	12.2	0.9	17	1	AR181448	ACCESSION:AR181448
589	12.4	0.9	17	1	AX475214	ACCESSION:AX475214	c 662	12.2	0.9	17	1	AR186319	ACCESSION:AR186319
590	12.4	0.9	17	1	AX499159	ACCESSION:AX499159	c 663	12.2	0.9	17	1	AR186927	ACCESSION:AR186927
591	12.4	0.9	17	1	AX500281	ACCESSION:AX500281	c 664	12.2	0.9	17	1	AR186952	ACCESSION:AR186952
593	12.4	0.9	17	1	AX500282	ACCESSION:AX500282	c 665	12.2	0.9	17	1	AR187136	ACCESSION:AR187136
594	12.4	0.9	17	1	AX531289	ACCESSION:AX531289	c 666	12.2	0.9	17	1	AR187395	ACCESSION:AR187395
595	12.4	0.9	17	1	AX531290	ACCESSION:AX531290	c 667	12.2	0.9	17	1	AR192209	ACCESSION:AR192209
596	12.4	0.9	17	1	AX531291	ACCESSION:AX531291	c 668	12.2	0.9	17	1	AR192209	ACCESSION:AR192209
C 597	12.4	0.9	17	1	AX532084	ACCESSION:AX532084	c 669	12.2	0.9	17	1	AR192445	ACCESSION:AR192445
C 598	12.4	0.9	17	1	AX532085	ACCESSION:AX532085	c 670	12.2	0.9	17	1	AR192445	ACCESSION:AR192445
C 599	12.4	0.9	17	1	AX532086	ACCESSION:AX532086	c 671	12.2	0.9	17	1	AR195622	ACCESSION:AR195622
C 600	12.4	0.9	17	1	AX532087	ACCESSION:AX532087	c 672	12.2	0.9	17	1	AR210218	ACCESSION:AR210218
C 601	12.4	0.9	17	1	AX673340	ACCESSION:AX673340	c 673	12.2	0.9	17	1	AR254826	ACCESSION:AR254826
C 602	12.4	0.9	17	1	AX674389	ACCESSION:AX674389	c 674	12.2	0.9	17	1	AR286022	ACCESSION:AR286022
603	12.4	0.9	17	1	AX688216	ACCESSION:AX688216	c 675	12.2	0.9	17	1	AR286119	ACCESSION:AR286119
604	12.4	0.9	17	1	AX688217	ACCESSION:AX688217	c 676	12.2	0.9	17	1	AR306311	ACCESSION:AR306311
605	12.4	0.9	17	1	AX688601	ACCESSION:AX688601	c 677	12.2	0.9	17	1	AR306311	ACCESSION:AR306311
606	12.4	0.9	17	1	AX688727	ACCESSION:AX688727	c 678	12.2	0.9	17	1	AX076027	ACCESSION:AX076027
607	12.4	0.9	17	1	AX688735	ACCESSION:AX688735	c 679	12.2	0.9	17	1	AX088231	ACCESSION:AX088231
C 608	12.4	0.9	17	1	AX699140	ACCESSION:AX699140	c 680	12.2	0.9	17	1	AX139190	ACCESSION:AX139190
C 609	12.4	0.9	17	1	AX717705	ACCESSION:AX717705	c 681	12.2	0.9	17	1	AX139423	ACCESSION:AX139423
610	12.4	0.9	17	1	AX722657	ACCESSION:AX722657	c 682	12.2	0.9	17	1	AX14637	ACCESSION:AX14637
611	12.4	0.9	17	1	AX722758	ACCESSION:AX722758	c 683	12.2	0.9	17	1	AX214637	ACCESSION:AX214637
C 612	12.4	0.9	17	1	AX723241	ACCESSION:AX723241	c 684	12.2	0.9	17	1	AX214909	ACCESSION:AX214909
613	12.4	0.9	17	1	AX724914	ACCESSION:AX724914	c 685	12.2	0.9	17	1	AX215439	ACCESSION:AX215439
614	12.4	0.9	17	1	AX728153	ACCESSION:AX728153	c 686	12.2	0.9	17	1	AX215499	ACCESSION:AX215499
615	12.4	0.9	17	1	AX729598	ACCESSION:AX729598	c 687	12.2	0.9	17	1	AX215500	ACCESSION:AX215500
616	12.4	0.9	17	1	AX730000	ACCESSION:AX730000	c 688	12.2	0.9	17	1	AX215678	ACCESSION:AX215678
C 617	12.4	0.9	17	1	AX730865	ACCESSION:AX730865	c 689	12.2	0.9	17	1	AX215692	ACCESSION:AX215692

C 691	12.2	0.9	17	1	AX215693	ACCESSION:AX215693	764	12.2	0.9	17	1	AX527022	ACCESSION:AX527022
C 692	12.2	0.9	17	1	AX215895	ACCESSION:AX215895	C 765	12.2	0.9	17	1	AX530997	ACCESSION:AX530997
C 693	12.2	0.9	17	1	AX216107	ACCESSION:AX216107	C 766	12.2	0.9	17	1	AX530998	ACCESSION:AX530998
C 694	12.2	0.9	17	1	AX216365	ACCESSION:AX216365	C 767	12.2	0.9	17	1	AX530999	ACCESSION:AX530999
C 695	12.2	0.9	17	1	AX216478	ACCESSION:AX216478	C 768	12.2	0.9	17	1	AX531002	ACCESSION:AX531002
C 696	12.2	0.9	17	1	AX217540	ACCESSION:AX217540	C 769	12.2	0.9	17	1	AX531054	ACCESSION:AX531054
C 697	12.2	0.9	17	1	AX217789	ACCESSION:AX217789	C 770	12.2	0.9	17	1	AX531119	ACCESSION:AX531119
C 698	12.2	0.9	17	1	AX217790	ACCESSION:AX217790	C 771	12.2	0.9	17	1	AX531293	ACCESSION:AX531293
C 699	12.2	0.9	17	1	AX217884	ACCESSION:AX217884	C 772	12.2	0.9	17	1	AX531385	ACCESSION:AX531385
C 700	12.2	0.9	17	1	AX218164	ACCESSION:AX218164	C 773	12.2	0.9	17	1	AX531717	ACCESSION:AX531717
C 701	12.2	0.9	17	1	AX226742	ACCESSION:AX226742	C 774	12.2	0.9	17	1	AX531718	ACCESSION:AX531718
C 702	12.2	0.9	17	1	AX226888	ACCESSION:AX226888	C 775	12.2	0.9	17	1	AX532499	ACCESSION:AX532499
C 703	12.2	0.9	17	1	AX227203	ACCESSION:AX227203	C 776	12.2	0.9	17	1	AX544580	ACCESSION:AX544580
C 704	12.2	0.9	17	1	AX227204	ACCESSION:AX227204	C 777	12.2	0.9	17	1	AX544585	ACCESSION:AX544585
C 705	12.2	0.9	17	1	AX227402	ACCESSION:AX227402	C 778	12.2	0.9	17	1	AX544586	ACCESSION:AX544586
C 706	12.2	0.9	17	1	AX227664	ACCESSION:AX227664	C 779	12.2	0.9	17	1	AX544985	ACCESSION:AX544985
C 707	12.2	0.9	17	1	AX226268	ACCESSION:AX226268	C 780	12.2	0.9	17	1	AX578287	ACCESSION:AX578287
C 708	12.2	0.9	17	1	AX226269	ACCESSION:AX226269	C 781	12.2	0.9	17	1	AX578846	ACCESSION:AX578846
C 709	12.2	0.9	17	1	AX226276	ACCESSION:AX226276	C 782	12.2	0.9	17	1	AX579213	ACCESSION:AX579213
C 710	12.2	0.9	17	1	AX226277	ACCESSION:AX226277	C 783	12.2	0.9	17	1	AX579705	ACCESSION:AX579705
C 711	12.2	0.9	17	1	AX263544	ACCESSION:AX263544	C 784	12.2	0.9	17	1	AX634845	ACCESSION:AX634845
C 712	12.2	0.9	17	1	AX263545	ACCESSION:AX263545	C 785	12.2	0.9	17	1	AX648954	ACCESSION:AX648954
C 713	12.2	0.9	17	1	AX263756	ACCESSION:AX263756	C 786	12.2	0.9	17	1	AX649436	ACCESSION:AX649436
C 714	12.2	0.9	17	1	AX263757	ACCESSION:AX263757	C 787	12.2	0.9	17	1	AX672061	ACCESSION:AX672061
C 715	12.2	0.9	17	1	AX266691	ACCESSION:AX266691	C 788	12.2	0.9	17	1	AX672104	ACCESSION:AX672104
C 716	12.2	0.9	17	1	AX266692	ACCESSION:AX266692	C 789	12.2	0.9	17	1	AX672311	ACCESSION:AX672311
C 717	12.2	0.9	17	1	AX272718	ACCESSION:AX272718	C 790	12.2	0.9	17	1	AX672334	ACCESSION:AX672334
C 718	12.2	0.9	17	1	AX272900	ACCESSION:AX272900	C 791	12.2	0.9	17	1	AX672391	ACCESSION:AX672391
C 719	12.2	0.9	17	1	AX273056	ACCESSION:AX273056	C 792	12.2	0.9	17	1	AX672394	ACCESSION:AX672394
C 720	12.2	0.9	17	1	AX324985	ACCESSION:AX324985	C 793	12.2	0.9	17	1	AX672398	ACCESSION:AX672398
C 721	12.2	0.9	17	1	AX324986	ACCESSION:AX324986	C 794	12.2	0.9	17	1	AX672501	ACCESSION:AX672501
C 722	12.2	0.9	17	1	AX324987	ACCESSION:AX324987	C 795	12.2	0.9	17	1	AX672611	ACCESSION:AX672611
C 723	12.2	0.9	17	1	AX325173	ACCESSION:AX325173	C 796	12.2	0.9	17	1	AX673010	ACCESSION:AX673010
C 724	12.2	0.9	17	1	AX325174	ACCESSION:AX325174	C 797	12.2	0.9	17	1	AX673077	ACCESSION:AX673077
C 725	12.2	0.9	17	1	AX325189	ACCESSION:AX325189	C 798	12.2	0.9	17	1	AX673114	ACCESSION:AX673114
C 726	12.2	0.9	17	1	AX325190	ACCESSION:AX325190	C 799	12.2	0.9	17	1	AX673384	ACCESSION:AX673384
C 727	12.2	0.9	17	1	AX325237	ACCESSION:AX325237	C 800	12.2	0.9	17	1	AX673420	ACCESSION:AX673420
C 728	12.2	0.9	17	1	AX325238	ACCESSION:AX325238	C 801	12.2	0.9	17	1	AX673755	ACCESSION:AX673755
C 729	12.2	0.9	17	1	AX325533	ACCESSION:AX325533	C 802	12.2	0.9	17	1	AX674491	ACCESSION:AX674491
C 730	12.2	0.9	17	1	AX325534	ACCESSION:AX325534	C 803	12.2	0.9	17	1	AX674685	ACCESSION:AX674685
C 731	12.2	0.9	17	1	AX326137	ACCESSION:AX326137	C 804	12.2	0.9	17	1	AX687342	ACCESSION:AX687342
C 732	12.2	0.9	17	1	AX326138	ACCESSION:AX326138	C 805	12.2	0.9	17	1	AX687630	ACCESSION:AX687630
C 733	12.2	0.9	17	1	AX402646	ACCESSION:AX402646	C 806	12.2	0.9	17	1	AX687631	ACCESSION:AX687631
C 734	12.2	0.9	17	1	AX419938	ACCESSION:AX419938	C 807	12.2	0.9	17	1	AX687646	ACCESSION:AX687646
C 735	12.2	0.9	17	1	AX422279	ACCESSION:AX422279	C 808	12.2	0.9	17	1	AX687647	ACCESSION:AX687647
C 736	12.2	0.9	17	1	AX422344	ACCESSION:AX422344	C 809	12.2	0.9	17	1	AX687650	ACCESSION:AX687650
C 737	12.2	0.9	17	1	AX422970	ACCESSION:AX422970	C 810	12.2	0.9	17	1	AX687651	ACCESSION:AX687651
C 738	12.2	0.9	17	1	AX423384	ACCESSION:AX423384	C 811	12.2	0.9	17	1	AX687875	ACCESSION:AX687875
C 739	12.2	0.9	17	1	AX423434	ACCESSION:AX423434	C 812	12.2	0.9	17	1	AX688200	ACCESSION:AX688200
C 740	12.2	0.9	17	1	AX423498	ACCESSION:AX423498	C 813	12.2	0.9	17	1	AX688303	ACCESSION:AX688303
C 741	12.2	0.9	17	1	AX423507	ACCESSION:AX423507	C 814	12.2	0.9	17	1	AX688532	ACCESSION:AX688532
C 742	12.2	0.9	17	1	AX423529	ACCESSION:AX423529	C 815	12.2	0.9	17	1	AX688610	ACCESSION:AX688610
C 743	12.2	0.9	17	1	AX423531	ACCESSION:AX423531	C 816	12.2	0.9	17	1	AX688648	ACCESSION:AX688648
C 744	12.2	0.9	17	1	AX423547	ACCESSION:AX423547	C 817	12.2	0.9	17	1	AX688794	ACCESSION:AX688794
C 745	12.2	0.9	17	1	AX428711	ACCESSION:AX428711	C 818	12.2	0.9	17	1	AX690464	ACCESSION:AX690464
C 746	12.2	0.9	17	1	AX474864	ACCESSION:AX474864	C 819	12.2	0.9	17	1	AX690579	ACCESSION:AX690579
C 747	12.2	0.9	17	1	AX475290	ACCESSION:AX475290	C 820	12.2	0.9	17	1	AX690637	ACCESSION:AX690637
C 748	12.2	0.9	17	1	AX475761	ACCESSION:AX475761	C 821	12.2	0.9	17	1	AX690638	ACCESSION:AX690638
C 749	12.2	0.9	17	1	AX498979	ACCESSION:AX498979	C 822	12.2	0.9	17	1	AX690657	ACCESSION:AX690657
C 750	12.2	0.9	17	1	AX498981	ACCESSION:AX498981	C 823	12.2	0.9	17	1	AX690658	ACCESSION:AX690658
C 751	12.2	0.9	17	1	AX498982	ACCESSION:AX498982	C 824	12.2	0.9	17	1	AX691291	ACCESSION:AX691291
C 752	12.2	0.9	17	1	AX498988	ACCESSION:AX498988	C 825	12.2	0.9	17	1	AX691296	ACCESSION:AX691296
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C 754	12.2	0.9	17	1	AX499058	ACCESSION:AX499058	C 827	12.2	0.9	17	1	AX691380	ACCESSION:AX691380
C 755	12.2	0.9	17	1	AX499167	ACCESSION:AX499167	C 828	12.2	0.9	17	1	AX691708	ACCESSION:AX691708
C 756	12.2	0.9	17	1	AX499358	ACCESSION:AX499358	C 829	12.2	0.9	17	1	AX691932	ACCESSION:AX691932
C 757	12.2	0.9	17	1	AX499359	ACCESSION:AX499359	C 830	12.2	0.9	17	1	AX692601	ACCESSION:AX692601
C 758	12.2	0.9	17	1	AX499380	ACCESSION:AX499380	C 831	12.2	0.9	17	1	AX692602	ACCESSION:AX692602
C 759	12.2	0.9	17	1	AX499486	ACCESSION:AX499486	C 832	12.2	0.9	17	1	AX693063	ACCESSION:AX693063
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C 761	12.2	0.9	17	1	AX527018	ACCESSION:AX527018	C 834	12.2	0.9	17	1	AX693067	ACCESSION:AX693067
C 762	12.2	0.9	17	1	AX527020	ACCESSION:AX527020	C 835	12.2	0.9	17	1	AX693204	ACCESSION:AX693204
C 763	12.2	0.9	17	1	AX527021	ACCESSION:AX527021	C 836	12.2	0.9	17	1	AX693377	ACCESSION:AX693377

C 837	12.2	0.9	17	1	AX693378	ACCESSION:AX693378	910	12.2	0.9	17	1	130738	ACCESSION:130738
C 838	12.2	0.9	17	1	AX693379	ACCESSION:AX693379	911	12.2	0.9	17	1	130755	ACCESSION:130755
C 839	12.2	0.9	17	1	AX693488	ACCESSION:AX693488	C 912	12.2	0.9	17	1	137512	ACCESSION:137512
C 840	12.2	0.9	17	1	AX693534	ACCESSION:AX693534	913	12.2	0.9	17	1	146197	ACCESSION:146197
C 841	12.2	0.9	17	1	AX693512	ACCESSION:AX693512	914	12.2	0.9	17	1	146214	ACCESSION:146214
C 842	12.2	0.9	17	1	AX699233	ACCESSION:AX699233	915	12.2	0.9	17	1	153652	ACCESSION:153652
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C 844	12.2	0.9	17	1	AX722915	ACCESSION:AX722915	C 917	12.2	0.9	17	1	153842	ACCESSION:153842
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C 848	12.2	0.9	17	1	AX724702	ACCESSION:AX724702	C 921	12.2	0.9	17	1	AR189007	ACCESSION:AR189007
C 849	12.2	0.9	17	1	AX724898	ACCESSION:AX724898	C 922	12.2	0.9	17	1	AX688735	ACCESSION:AX688735
C 850	12.2	0.9	17	1	AX725633	ACCESSION:AX725633	C 923	12.2	0.9	17	1	AX736671	ACCESSION:AX736671
C 851	12.2	0.9	17	1	AX725756	ACCESSION:AX725756	C 924	11.8	0.8	17	1	AX688730	ACCESSION:AX688730
C 853	12.2	0.9	17	1	AX726528	ACCESSION:AX726528	C 925	11.8	0.8	17	1	AX532585	ACCESSION:AX532585
C 854	12.2	0.9	17	1	AX726634	ACCESSION:AX726634	C 926	11.8	0.8	17	1	AX532586	ACCESSION:AX532586
C 855	12.2	0.9	17	1	AX726681	ACCESSION:AX726681	C 927	11.8	0.8	17	1	AX7068	ACCESSION:AX7068
C 856	12.2	0.9	17	1	AX727031	ACCESSION:AX727031	C 928	11.8	0.8	17	1	AX498979	ACCESSION:AX498979
C 857	12.2	0.9	17	1	AX727868	ACCESSION:AX727868	C 929	11.8	0.8	17	1	AX498981	ACCESSION:AX498981
C 858	12.2	0.9	17	1	AX728412	ACCESSION:AX728412	C 930	11.8	0.8	17	1	AX690464	ACCESSION:AX690464
C 859	12.2	0.9	17	1	AX729329	ACCESSION:AX729329	C 931	11.8	0.8	17	1	AR067361	ACCESSION:AR067361
C 860	12.2	0.9	17	1	AX729357	ACCESSION:AX729357	C 932	11.6	0.8	31	1	AR092048	ACCESSION:AR092048
C 861	12.2	0.9	17	1	AX729396	ACCESSION:AX729396	C 933	11.6	0.8	31	1	AR092050	ACCESSION:AR092050
C 862	12.2	0.9	17	1	AX729507	ACCESSION:AX729507	C 934	11.6	0.8	31	1	AR112183	ACCESSION:AR112183
C 863	12.2	0.9	17	1	AX729587	ACCESSION:AX729587	C 935	11.6	0.8	31	1	AR112185	ACCESSION:AR112185
C 864	12.2	0.9	17	1	AX729647	ACCESSION:AX729647	C 936	11.6	0.8	31	1	AR149225	ACCESSION:AR149225
C 865	12.2	0.9	17	1	AX729933	ACCESSION:AX729933	C 937	11.6	0.8	31	1	AR149227	ACCESSION:AR149227
C 866	12.2	0.9	17	1	AX730635	ACCESSION:AX730635	C 938	11.6	0.8	34	1	AR112204	ACCESSION:AR112204
C 867	12.2	0.9	17	1	AX730635	ACCESSION:AX730635	C 939	11.4	0.8	22	1	AR149246	ACCESSION:AR149246
C 868	12.2	0.9	17	1	AX732067	ACCESSION:AX732067	C 940	11.4	0.8	31	1	AR092044	ACCESSION:AR092044
C 869	12.2	0.9	17	1	AX732178	ACCESSION:AX732178	C 941	11.4	0.8	31	1	AR092046	ACCESSION:AR092046
C 870	12.2	0.9	17	1	AX732217	ACCESSION:AX732217	C 942	11.4	0.8	31	1	AR092046	ACCESSION:AR092046
C 871	12.2	0.9	17	1	AX732580	ACCESSION:AX732580	C 943	11.4	0.8	31	1	AR092046	ACCESSION:AR092046
C 872	12.2	0.9	17	1	AX733051	ACCESSION:AX733051	C 944	11.4	0.8	31	1	AR112179	ACCESSION:AR112179
C 873	12.2	0.9	17	1	AX733872	ACCESSION:AX733872	C 945	11.4	0.8	31	1	AR149221	ACCESSION:AR149221
C 874	12.2	0.9	17	1	AX734007	ACCESSION:AX734007	C 946	11.4	0.8	31	1	AR149223	ACCESSION:AR149223
C 875	12.2	0.9	17	1	AX734164	ACCESSION:AX734164	C 947	11.2	0.8	17	1	AX579547	ACCESSION:AX579547
C 876	12.2	0.9	17	1	AX734652	ACCESSION:AX734652	C 948	11.2	0.8	17	1	AX421784	ACCESSION:AX421784
C 877	12.2	0.9	17	1	AX734652	ACCESSION:AX734652	C 949	11.2	0.8	17	1	AX422401	ACCESSION:AX422401
C 878	12.2	0.9	17	1	AX734801	ACCESSION:AX734801	C 950	11.2	0.8	17	1	AX499159	ACCESSION:AX499159
C 879	12.2	0.9	17	1	AX734955	ACCESSION:AX734955	C 951	11.2	0.8	17	1	AX732254	ACCESSION:AX732254
C 880	12.2	0.9	17	1	AX735496	ACCESSION:AX735496	C 952	11.2	0.8	17	1	AX216107	ACCESSION:AX216107
C 881	12.2	0.9	17	1	AX736671	ACCESSION:AX736671	C 953	11.2	0.8	17	1	AX272900	ACCESSION:AX272900
C 882	12.2	0.9	17	1	AX736672	ACCESSION:AX736672	C 954	11.2	0.8	17	1	AX672104	ACCESSION:AX672104
C 883	12.2	0.9	17	1	AX736710	ACCESSION:AX736710	C 955	11.2	0.8	17	1	AX724702	ACCESSION:AX724702
C 884	12.2	0.9	17	1	AX736712	ACCESSION:AX736712	C 956	11.2	0.8	17	1	AX727031	ACCESSION:AX727031
C 885	12.2	0.9	17	1	AX738253	ACCESSION:AX738253	C 957	11.2	0.8	17	1	AX733872	ACCESSION:AX733872
C 886	12.2	0.9	17	1	AX738508	ACCESSION:AX738508	C 958	11.2	0.8	18	1	AR013910	ACCESSION:AR013910
C 887	12.2	0.9	17	1	AX738513	ACCESSION:AX738513	C 959	11.2	0.8	18	1	AR033864	ACCESSION:AR033864
C 888	12.2	0.9	17	1	AX739076	ACCESSION:AX739076	C 960	11.2	0.8	18	1	AR042524	ACCESSION:AR042524
C 889	12.2	0.9	17	1	AX739222	ACCESSION:AX739222	C 961	11.2	0.8	18	1	AR058404	ACCESSION:AR058404
C 890	12.2	0.9	17	1	AX739253	ACCESSION:AX739253	C 962	11.2	0.8	18	1	AR088230	ACCESSION:AR088230
C 891	12.2	0.9	17	1	AX739284	ACCESSION:AX739284	C 963	11.2	0.8	20	1	AR092047	ACCESSION:AR092047
C 892	12.2	0.9	17	1	AX739284	ACCESSION:AX739284	C 964	11.2	0.8	20	1	AR092049	ACCESSION:AR092049
C 893	12.2	0.9	17	1	AX739486	ACCESSION:AX739486	C 965	11.2	0.8	20	1	AR112182	ACCESSION:AR112182
C 894	12.2	0.9	17	1	AX739634	ACCESSION:AX739634	C 966	11.2	0.8	20	1	AR112184	ACCESSION:AR112184
C 895	12.2	0.9	17	1	AX739676	ACCESSION:AX739676	C 967	11.2	0.8	20	1	AR149224	ACCESSION:AR149224
C 896	12.2	0.9	17	1	AX739732	ACCESSION:AX739732	C 968	11.2	0.8	21	1	AR149226	ACCESSION:AR149226
C 897	12.2	0.9	17	1	AX744178	ACCESSION:AX744178	C 969	11.2	0.8	21	1	AR243442	ACCESSION:AR243442
C 898	12.2	0.9	17	1	AX744275	ACCESSION:AX744275	C 970	11.2	0.8	21	1	BD011172	ACCESSION:BD011172
C 899	12.2	0.9	17	1	AX744461	ACCESSION:AX744461	C 971	11.2	0.8	21	1	B36921	ACCESSION:B36921
C 900	12.2	0.9	17	1	AX745307	ACCESSION:AX745307	C 972	11.1	0.8	15	1	BD178528	ACCESSION:BD178528
C 901	12.2	0.9	17	1	AX745314	ACCESSION:AX745314	C 973	11.1	0.8	17	1	AX673440	ACCESSION:AX673440
C 902	12.2	0.9	17	1	BD013474	ACCESSION:BD013474	C 974	11.1	0.8	17	1	AX723241	ACCESSION:AX723241
C 903	12.2	0.9	17	1	BD068905	ACCESSION:BD068905	C 975	11.1	0.8	19	1	BD089355	ACCESSION:BD089355
C 904	12.2	0.9	17	1	BD067331	ACCESSION:BD067331	C 976	11.1	0.8	19	1	AB068582	ACCESSION:AB068582
C 905	12.2	0.9	17	1	BD067490	ACCESSION:BD067490	C 977	11.1	0.8	20	1	AX114458	ACCESSION:AX114458
C 906	12.2	0.9	17	1	BD067523	ACCESSION:BD067523	C 978	11.1	0.8	20	1	BD178851	ACCESSION:BD178851
C 907	12.2	0.9	17	1	BD067746	ACCESSION:BD067746	C 979	10.8	0.8	15	1	S65223	ACCESSION:S65223
C 908	12.2	0.9	17	1	BD067753	ACCESSION:BD067753							
C 909	12.2	0.9	17	1	106947	ACCESSION:106947							

ALIGNMENTS

RESULT 1
LOCUS AR112204 34 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 93 from patent US 6130041.
ACCESSION AR112204
VERSION AR112204.1 GI:14092104
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 34)
AUTHORS Acton,S.Laurence.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor

JOURNAL
FEATURES Patent: US 6130041-A 93 10-OCT-2000;
Location/Qualifiers
SOURCE 1..34
/organism="unknown"

BASE COUNT 4 a 15 c 3 g 12 t

Query Match 2.3%; Score 32.4; DB 1; Length 34;
Best Local Similarity 97.1%; Pred. No. 2.3;
Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CTTGTTCTCTCCCATCTCTCACTTCTCAAGGC 1118
Db 1 CTTGTTCTCTCCCATCTCTCACTTCTCAAGGC 34

RESULT 2
LOCUS AR149246 34 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 93 from patent US 6228581.
ACCESSION AR149246
VERSION AR149246.1 GI:15113837
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 34)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228581-A 93 08-MAY-2001;
Location/Qualifiers
FEATURES 1..34
/organism="unknown"

BASE COUNT 4 a 15 c 3 g 12 t

Query Match 2.3%; Score 32.4; DB 1; Length 34;
Best Local Similarity 97.1%; Pred. No. 2.3;
Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CTTGTTCTCTCCCATCTCTCACTTCTCAAGGC 1118
Db 1 CTTGTTCTCTCCCATCTCTCACTTCTCAAGGC 34

RESULT 3
LOCUS AR092044/c 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 68 from patent US 5998141.
ACCESSION AR092044
VERSION AR092044.1 GI:10018798
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurence.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor

JOURNAL Patent: US 5998141-A 68 07-DEC-1999;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"

BASE COUNT 8 a 6 c 12 g 5 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1104 TCACCTCTCAACGCGGACCGGTTCTGGCA 1134
Db 31 TCACCTCTCAACGCGGACCGGTTCTGGCA 1

RESULT 4
LOCUS AR092046 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 70 from patent US 5998141.
ACCESSION AR092046
VERSION AR092046.1 GI:10018800
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurence.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 70 07-DEC-1999;
Location/Qualifiers
FEATURES 1..31
/organism="unknown"

BASE COUNT 5 a 12 c 6 g 8 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1104 TCACCTCTCAACGCGGACCGGTTCTGGCA 1134
Db 1 TCACCTCTCAACGCGGACCGGTTCTGGCA 31

RESULT 5
LOCUS AR092048/c 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 72 from patent US 5998141.
ACCESSION AR092048
VERSION AR092048.1 GI:10018802
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurence.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 72 07-DEC-1999;
Location/Qualifiers
FEATURES 1..31
/organism="unknown"

BASE COUNT 7 a 6 c 12 g 6 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1104 TCACCTCTCAACGCGGACCGGTTCTGGCA 1134
Db 31 TCACCTCTCAACGCGGACCGGTTCTGGCA 1

RESULT 6
LOCUS AR092050

LOCUS AR092050 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 74 from patent US 5938141.
ACCESSION AR092050
VERSION AR092050.1 GI:10018804
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurene.
TITLE Intronc and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5938141-A 74 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCATCAACGCCGACCGGTTCTGGCA 31
RESULT 7
LOCUS AR112179/c 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 68 from patent US 6130041.
ACCESSION AR112179
VERSION AR112179.1 GI:14092079
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 68 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1
RESULT 8
LOCUS AR112181 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 70 from patent US 6130041.
ACCESSION AR112181
VERSION AR112181.1 GI:14092081
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 70 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"

BASE COUNT 5 a 12 c 6 g 8 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31
RESULT 9
LOCUS AR112183/c 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 72 from patent US 6130041.
ACCESSION AR112183
VERSION AR112183.1 GI:14092083
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 72 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 7 a 6 c 12 g 6 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 31 TCACTTCATCAACGCCGACCGGTTCTGGCA 1
RESULT 10
LOCUS AR112185 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 74 from patent US 6130041.
ACCESSION AR112185
VERSION AR112185.1 GI:14092085
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 74 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCATCAACGCCGACCGGTTCTGGCA 31
RESULT 11
LOCUS AR112220 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 109 from patent US 6130041.

ACCESSION AR112220
VERSION AR112220.1 GI:14092120
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.Laurene.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 109 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 10 a 11 c 5 g 5 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
DB 1 GAGAGCGACTACATCATCATGCCCAACATCC 31

RESULT 12
AR149221/c
LOCUS AR149221 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 68 from patent US 6228581.
ACCESSION AR149221
VERSION AR149221.1 GI:15113812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.L. and Ordovas,J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 68 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 8 a 6 c 12 g 5 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 13
AR149223
LOCUS AR149223 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 70 from patent US 6228581.
ACCESSION AR149223
VERSION AR149223.1 GI:15113814
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.L. and Ordovas,J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 70 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 5 a 12 c 6 g 8 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 14
AR149225/c
LOCUS AR149225 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 72 from patent US 6228581.
ACCESSION AR149225
VERSION AR149225.1 GI:15113816
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.L. and Ordovas,J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 72 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 7 a 6 c 12 g 6 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 15
AR149227
LOCUS AR149227 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 74 from patent US 6228581.
ACCESSION AR149227
VERSION AR149227.1 GI:15113818
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.L. and Ordovas,J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 74 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 6 a 12 c 6 g 7 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 16
AR149262
LOCUS AR149262 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 109 from patent US 6228581.
ACCESSION AR149262

VERSION AR149262.1 GI:15113853
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 109 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 10 a 11 c 5 g 5 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 1 GAGAGCGACTACATCATCATGCCCAACATCC 31

RESULT 17
AR112218/c
LOCUS AR112218 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 107 from patent US 6130041.
ACCESSION AR112218
VERSION AR112218.1 GI:14092118
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 107 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 11 g 9 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 18
AR112222/c
LOCUS AR112222 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 111 from patent US 6130041.
ACCESSION AR112222
VERSION AR112222.1 GI:14092122
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 111 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 12 g 8 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 19
AR149260/c
LOCUS AR149260 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 107 from patent US 6228581.
ACCESSION AR149260
VERSION AR149260.1 GI:15113851
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 107 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 11 g 9 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 20
AR149264/c
LOCUS AR149264 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 111 from patent US 6228581.
ACCESSION AR149264
VERSION AR149264.1 GI:15113855
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 111 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 12 g 8 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 21
AR112219
LOCUS AR112219 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 108 from patent US 6130041.
ACCESSION AR112219
VERSION AR112219.1 GI:14092119

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 108 10-OCT-2000;
FEATURES location/Qualifiers
source 1..21
/organism="unknown"
BASE COUNT 7 a 8 c 2 g 4 t

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 22
AR112223
LOCUS AR112223 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 112 from patent US 6130041.
ACCESSION AR112223
VERSION AR112223.1 GI:14092123
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 112 10-OCT-2000;
FEATURES location/Qualifiers
source 1..21
/organism="unknown"
BASE COUNT 6 a 9 c 2 g 4 t

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 23
AR149261
LOCUS AR149261 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 108 from patent US 6228581.
ACCESSION AR149261
VERSION AR149261.1 GI:15113852
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S.L. and Ordovas, J.M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228581-A 108 08-MAY-2001;
FEATURES location/Qualifiers
source 1..21
/organism="unknown"
BASE COUNT 7 a 8 c 2 g 4 t

Query Match 1.4%; Score 19.4; DB 1; Length 21;

Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 24
AR149265
LOCUS AR149265 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 112 from patent US 6228581.
ACCESSION AR149265
VERSION AR149265.1 GI:15113856
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S.L. and Ordovas, J.M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228581-A 112 08-MAY-2001;
FEATURES location/Qualifiers
source 1..21
/organism="unknown"
BASE COUNT 6 a 9 c 2 g 4 t

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 25
AX690109
LOCUS AX690109 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 2841 from Patent EP1281758.
ACCESSION AX690109
VERSION AX690109.1 GI:29412967
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y., and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and mdx12
JOURNAL Patent: EP 1281758-A 2841 05-FEB-2003;
FEATURES location/Qualifiers
source 1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 10 g 5 t

Query Match 1.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 338 GGCCTACGTGTACGAGATCCAG 362
DB 1 GGCCTACGTGTGACGAGATGCTG 25

RESULT 26
AX690110
LOCUS AX690110 25 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 2842 from Patent EP1281758.
ACCESSION AX690110
VERSION AX690110.1 GI:29412968
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 2842 05-FEB-2003;
Aecmica, Inc. (US)
LOCATION/Qualifiers
FEATURES
source 1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 10 g 5 t
Query Match 1.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 339 GCCCTACGCTGACAGGAGTCACG 363
Db 1 GCCCTACGCTGACAGGAGTCGCTG 25
RESULT 27
LOCUS AR092043 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 67 from patent US 5998141.
ACCESSION AR092043
VERSION AR092043.1 GI:10018797
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 67 07-DEC-1999;
FEATURES
source 1..20
/organism="unknown"
BASE COUNT 5 a 4 c 8 g 3 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCTGACCCGGTT 1
RESULT 28
LOCUS AR092045 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 69 from patent US 5998141.
ACCESSION AR092045
VERSION AR092045.1 GI:10018799
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 69 07-DEC-1999;
FEATURES
Location/Qualifiers

source 1..20
/organism="unknown"
BASE COUNT 3 a 8 c 4 g 5 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCCTCAACGCTGACCCGGTT 20
RESULT 29
LOCUS AR092047 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 71 from patent US 5998141.
ACCESSION AR092047
VERSION AR092047.1 GI:10018801
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 71 07-DEC-1999;
FEATURES
source 1..20
/organism="unknown"
BASE COUNT 4 a 4 c 8 g 4 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCATCAACGCCGACCCGGTT 1
RESULT 30
LOCUS AR092049 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 73 from patent US 5998141.
ACCESSION AR092049
VERSION AR092049.1 GI:10018803
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 73 07-DEC-1999;
FEATURES
source 1..20
/organism="unknown"
BASE COUNT 4 a 8 c 4 g 4 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCATCAACGCCGACCCGGTT 20
RESULT 31
LOCUS AR112178 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 67 from patent US 6130041.

ACCESSION AR112178
 VERSION AR112178.1 GI:14092078
 KEYWORDS
 SOURCE
 ORGANISM Unknown.
 REFERENCE
 AUTHORS 1 (bases 1 to 20)
 TITLE Acton, S. Laurene.
 HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR
 JOURNAL Patent: US 6130041-A 67 10-OCT-2000;
 FEATURES
 SOURCE Location/Qualifiers
 BASE COUNT 5 a 4 c 8 g 3 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 82;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
 Db 20 TCCTCAACGCTGACCCGGTT 1

RESULT 32
 AR112180
 LOCUS AR112180 20 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 69 from patent US 6130041.
 ACCESSION AR112180
 VERSION AR112180.1 GI:14092080
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 AUTHORS 1 (bases 1 to 20)
 TITLE Acton, S. Laurene.
 HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR
 JOURNAL Patent: US 6130041-A 69 10-OCT-2000;
 FEATURES
 SOURCE Location/Qualifiers
 BASE COUNT 3 a 8 c 4 g 5 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 82;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
 Db 1 TCCTCAACGCTGACCCGGTT 20

RESULT 33
 AR112182/c
 LOCUS AR112182 20 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 71 from patent US 6130041.
 ACCESSION AR112182
 VERSION AR112182.1 GI:14092082
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 AUTHORS 1 (bases 1 to 20)
 TITLE Acton, S. Laurene.
 HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR
 JOURNAL Patent: US 6130041-A 71 10-OCT-2000;
 FEATURES
 SOURCE Location/Qualifiers
 BASE COUNT 4 a 4 c 8 g 4 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 82;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
 Db 20 TCATCAACGCCGACCCGGTT 1

RESULT 34
 AR112184
 LOCUS AR112184 20 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 73 from patent US 6130041.
 ACCESSION AR112184
 VERSION AR112184.1 GI:14092084
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 AUTHORS 1 (bases 1 to 20)
 TITLE Acton, S. Laurene.
 HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR
 JOURNAL Patent: US 6130041-A 73 10-OCT-2000;
 FEATURES
 SOURCE Location/Qualifiers
 BASE COUNT 4 a 8 c 4 g 4 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 82;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
 Db 1 TCATCAACGCCGACCCGGTT 20

RESULT 35
 AR149220/c
 LOCUS AR149220 20 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 67 from patent US 6228581.
 ACCESSION AR149220
 VERSION AR149220.1 GI:15113811
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 AUTHORS 1 (bases 1 to 20)
 TITLE Acton, S. L. and Ordoñez, J. M.
 HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR
 JOURNAL Patent: US 6228581-A 67 08-MAY-2001;
 FEATURES
 SOURCE Location/Qualifiers
 BASE COUNT 5 a 4 c 8 g 3 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 82;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
 Db 20 TCCTCAACGCTGACCCGGTT 1

RESULT 36
 AR149222
 LOCUS AR149222 20 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 69 from patent US 6228581.
 ACCESSION AR149222

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VERSION      AR149222.1 GI:15113813
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 20)
              Acton,S.L. and Ordovas,J.M.
TITLE        Human intronic and polymorphic SR-BI nucleic acids and uses
              therefor
JOURNAL      Patent: US 6228581-A 69 08-MAY-2001;
              Location/Qualifiers
FEATURES
SOURCE       1..20
              /organism="unknown"
BASE COUNT   3 a      8 c      4 g      5 t

Query Match
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          1109 TCCTCAACGCCGACCCCGTT 1128
              |||||
Db          1 TCCTCAACGCCGACCCCGTT 20

RESULT 37
AR149224/C
LOCUS        AR149224      20 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION   Sequence 71 from patent US 6228581.
ACCESSION    AR149224
VERSION      AR149224.1 GI:15113815
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 20)
              Acton,S.L. and Ordovas,J.M.
TITLE        Human intronic and polymorphic SR-BI nucleic acids and uses
              therefor
JOURNAL      Patent: US 6228581-A 71 08-MAY-2001;
              Location/Qualifiers
FEATURES
SOURCE       1..20
              /organism="unknown"
BASE COUNT   4 a      4 c      8 g      4 t

Query Match
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          1109 TCCTCAACGCCGACCCCGTT 1128
              |||||
Db          20 TCATCAACGCCGACCCCGTT 1

RESULT 38
AR149226
LOCUS        AR149226      20 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION   Sequence 73 from patent US 6228581.
ACCESSION    AR149226
VERSION      AR149226.1 GI:15113817
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    Unclassified.
AUTHORS      1 (bases 1 to 20)
              Acton,S.L. and Ordovas,J.M.
TITLE        Human intronic and polymorphic SR-BI nucleic acids and uses
              therefor
JOURNAL      Patent: US 6228581-A 73 08-MAY-2001;
              Location/Qualifiers
FEATURES
SOURCE       1..20
              /organism="unknown"
BASE COUNT   4 a      8 c      4 g      4 t

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Query Match
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          1109 TCCTCAACGCCGACCCCGTT 1128
              |||||
Db          1 TCATCAACGCCGACCCCGTT 20

RESULT 39
AX690107
LOCUS        AX690107      25 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION   Sequence 2839 from Patent EP1281758.
ACCESSION    AX690107
VERSION      AX690107.1 GI:29412965
KEYWORDS
SOURCE       Homo sapiens (human)
              Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE    Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
              mdz12
TITLE        Patent: BP 1281758-A 2839 05-FEB-2003;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       1..25
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
BASE COUNT   4 a      7 c      9 g      5 t

Query Match
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY          338 GGCCTACGTGTACGAGATCC 360
              |||||
Db          3 GGCCTACGTGTACGAGATGC 25

RESULT 40
AX690108
LOCUS        AX690108      25 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION   Sequence 2840 from Patent EP1281758.
ACCESSION    AX690108
VERSION      AX690108.1 GI:29412966
KEYWORDS
SOURCE       Homo sapiens (human)
              Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE    Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
              mdz12
TITLE        Patent: BP 1281758-A 2840 05-FEB-2003;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       1..25
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
BASE COUNT   4 a      7 c      9 g      5 t

Query Match
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY          338 GGCCTACGTGTACGAGATCC 360
              |||||
Db          2 GGCCTACGTGTGTGACGAGATGC 24

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RESULT 41
AR112217/c 21 bp DNA linear PAT 16-MAY-2001
LOCUS AR112217
DEFINITION Sequence 106 from patent US 6130041.
ACCESSION AR112217
VERSION AR112217.1 GI:14092117
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 106 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..21
/organism="unknown"
BASE COUNT 5 a 2 c 8 g 6 t
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1
RESULT 42
AR112221/c 21 bp DNA linear PAT 16-MAY-2001
LOCUS AR112221
DEFINITION Sequence 110 from patent US 6130041.
ACCESSION AR112221
VERSION AR112221.1 GI:14092121
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 110 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..21
/organism="unknown"
BASE COUNT 5 a 2 c 9 g 5 t
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1
RESULT 43
AR149259/c 21 bp DNA linear PAT 08-AUG-2001
LOCUS AR149259
DEFINITION Sequence 106 from patent US 6228581.
ACCESSION AR149259
VERSION AR149259.1 GI:15113850
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S.L. and Ordovas, J.M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses

therefor
JOURNAL Patent: US 6228581-A 106 08-MAY-2001;
FEATURES
SOURCE Location/Qualifiers
1..21
/organism="unknown"
BASE COUNT 5 a 2 c 8 g 6 t
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1
RESULT 44
AR149263/c 21 bp DNA linear PAT 08-AUG-2001
LOCUS AR149263
DEFINITION Sequence 110 from patent US 6228581.
ACCESSION AR149263
VERSION AR149263.1 GI:15113854
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S.L. and Ordovas, J.M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 110 08-MAY-2001;
FEATURES
SOURCE Location/Qualifiers
1..21
/organism="unknown"
BASE COUNT 5 a 2 c 9 g 5 t
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
C/ 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1
RESULT 45
AR089941/c 24 bp DNA linear PAT 07-SEP-2000
LOCUS AR089941
DEFINITION Sequence 61 from patent US 5994076.
ACCESSION AR089941
VERSION AR089941.1 GI:10016696
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 5994076-A 61 30-NOV-1999;
FEATURES
SOURCE Location/Qualifiers
1..24
/organism="unknown"
BASE COUNT 7 a 3 c 11 g 3 t
Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

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RESULT 46
LOCUS AR196976 24 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 61 from patent US 6352829.
ACCESSION AR196976
VERSION AR196976.1 GI:20246825
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Chenchik,A., Johhadze,G. and Biblilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6352829-A 61 05-MAR-2002;
FEATURES
SOURCE
1..24
/organism="unknown"
BASE COUNT 7 a 3 c 11 g 3 t
Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

RESULT 47
LOCUS AR259130 24 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 61 from patent US 6489455.
ACCESSION AR259130
VERSION AR259130.1 GI:27309641
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Chenchik,A., Johhadze,G. and Biblilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6489455-A 61 03-DEC-2002;
FEATURES
SOURCE
1..24
/organism="unknown"
BASE COUNT 7 a 3 c 11 g 3 t
Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

RESULT 48
LOCUS AX690105 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 2837 from Patent EP1281758.
ACCESSION AX690105
VERSION AX690105.1 GI:29412963
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 2837 05-FEB-2003;
FEATURES
SOURCE
1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Artificially synthesized DNA sequence"
BASE COUNT 8 a 0 c 6 g 10 t

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FEATURES
SOURCE
1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Artificially synthesized DNA sequence"
BASE COUNT 8 a 0 c 6 g 10 t

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QY 338 GACCTACGTGTACAGGAGT 358
DB 4 GACCTACGTGTACAGGAGT 24

RESULT 49
LOCUS AX690106 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 2838 from Patent EP1281758.
ACCESSION AX690106
VERSION AX690106.1 GI:29412964
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 2838 05-FEB-2003;
FEATURES
SOURCE
1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Artificially synthesized DNA sequence"
BASE COUNT 8 a 0 c 6 g 10 t

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QY 338 GACCTACGTGTACAGGAGT 358
DB 4 GACCTACGTGTACAGGAGT 24

RESULT 50
LOCUS AX493158 24 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 132 from Patent WO02059355.
ACCESSION AX493158
VERSION AX493158.1 GI:23338790
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Fieldhouse,D. and Kohler,D.
TITLE Polynucleotides for use as tags and tag complements, manufacture
JOURNAL Patent: WO 02059355-A 132 01-AUG-2002;
FEATURES
SOURCE
1..24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Artificially synthesized DNA sequence"
BASE COUNT 8 a 0 c 6 g 10 t

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Query Match      1.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      1471 GAGAAATGCTATTATTGAGT 1494
Db      1 GAGAAATGTATGATTAGTAGT 24

RESULT 51
LOCUS      AX690111
DEFINITION Sequence 2843 from Patent EPI281758.
ACCESSION  AX690111
VERSION     AX690111.1 GI:29412969
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE   1
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL     Patent: EP 1281758-A 2843 05-FEB-2003;
FEATURES
source      1..25
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

BASE COUNT   4 a 7 c 9 g 5 t

Query Match      1.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      340 CCCTACGTGTACGAGTCCAG 363
Db      1 CCCTACGTGTGACGAGTGTCTG 24

RESULT 52
LOCUS      AR299541/c
DEFINITION Sequence 11276 from patent US 6537751.
ACCESSION  AR299541
VERSION     AR299541.1 GI:31686825
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE       Biallelic markers for use in constructing a high density
JOURNAL     Patent: US 6537751-A 11276 25-MAR-2003;
FEATURES
source      1..19
            /organism="unknown"

BASE COUNT   7 a 0 c 7 g 5 t

Query Match      1.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1346 CTCTTCACATTCATCAG 1364
Db      19 CTCTTCATATTCATCAG 1

RESULT 53
LOCUS      AR266026/c

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LOCUS      AR266026
DEFINITION Sequence 33 from patent US 6492171.
ACCESSION  AR266026
VERSION     AR266026.1 GI:29694872
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Montu,B.P., Gaarde,W.A., Preter,S.M. and Mancewicz,B.
TITLE       Antisense modulation of TERT expression
JOURNAL     Patent: US 6492171-A 33 10-DEC-2002;
FEATURES
source      1..20
            /organism="unknown"

BASE COUNT   4 a 7 c 8 g 1 t

Query Match      1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1419 GCTGGCGTGGCTCCCTGCTGC 1438
Db      20 GCGCGCTGGCTCCCTGCTGC 1

RESULT 54
LOCUS      AX096805
DEFINITION Sequence 1983 from Patent WO0118250.
ACCESSION  AX096805
VERSION     AX096805.1 GI:13513059
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE   1
AUTHORS     Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
TITLE       Single nucleotide polymorphisms in genes
JOURNAL     Patent: WO 0118250-A 1983 15-MAR-2001;
            WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
            Pharmaceuticals, Inc. (US)
FEATURES
source      1..21
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

BASE COUNT   4 a 4 c 4 g 8 t 1 others

Query Match      1.2%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Oy      1477 TGTATTATTATTTGGAGTAG 1496
Db      1 TCTATTATTTTGGAGTAG 20

RESULT 55
LOCUS      AX511799
DEFINITION Sequence 206 from Patent WO02055705.
ACCESSION  AX511799
VERSION     AX511799.1 GI:23392499
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS     Mezes,P.S., Rasell,L., Herrmann,J.L., Macdougall,J.R., Zhong,H.,
            Caeman,S.O., Boidog,F., Shimkets,R.A., Gorman,L., Crasta,O.R.,

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Myers,K.K., Folkerts,O., Martin,G.B., Bisen,A., Spaderma,S.K.,
Vernet,C.A., Bergh,C., Spytek,K.A., DiIppio,V.A., Zernusen,B.D.,
Peyman,J.A., Ellerman,K., Stone,D.J., Grose,W.M., Alsbrook,J.P.,
Lepley,D.M., Rieger,D.K., Burgess,C.E. and Edinger,S.
Proteins and nucleic acids encoding same
Patent: WO 02055705-A 206 18-JUL-2002;
Curagen Corporation (US)
JOURNAL
TITLE
FEATURES
source
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/ncbi_xref="oligonucleotide primer"
BASE COUNT
7 a 9 g 6 t

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 502 GCGGTGATGATGAGAAAT 519
1 GTGTGATGATGAGAAAT 18
Db

RESULT 56
AX203606 22 bp DNA linear PAT 30-AUG-2001
LOCUS
DEFINITION
Sequence 236 from Patent WO0153520.
ACCESSION
AX203606
VERSION
AX203606.1 GI:15393035
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cullen,P. and Seedorf,U.
AUTHORS
Gene chip for neonate screening
TITLE
Patent: WO 0153520-A 236 26-JUL-2001;
JOURNAL
Cullen, Paul (DB); Seedorf, Udo (DB)
FEATURES
location/Qualifiers
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
8 a 5 c 7 g 2 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAAAGAC 198
1 AAGCAGCTGGGCTGAAGAAC 21
Db

RESULT 57
AX614438 22 bp DNA linear PAT 17-FEB-2003
LOCUS
DEFINITION
Sequence 5463 from Patent WO02072882.
ACCESSION
AX614438
VERSION
AX614438.1 GI:28409867
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cullen,P. and Seedorf,U.
AUTHORS
Gene chip for neonate screening
TITLE
Patent: WO 02072882-A 5463 19-SEP-2002;
JOURNAL
OGHAM GmbH (DB)
FEATURES
location/Qualifiers

```

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source
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
8 a 5 c 7 g 2 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAAAGAC 198
1 AAGCAGCTGGGCTGAAGAAC 21
Db

RESULT 58
AX614439 22 bp DNA linear PAT 17-FEB-2003
LOCUS
DEFINITION
Sequence 5464 from Patent WO02072882.
ACCESSION
AX614439
VERSION
AX614439.1 GI:28409868
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cullen,P. and Seedorf,U.
AUTHORS
Gene chip for neonate screening
TITLE
Patent: WO 02072882-A 5464 19-SEP-2002;
JOURNAL
OGHAM GmbH (DB)
FEATURES
location/Qualifiers
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
8 a 4 c 6 g 4 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAAAGAC 198
1 AAGCAGCTGGGCTGAAGAAC 21
Db

RESULT 59
AX614439 23 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION
Sequence 34 from Patent WO9832863.
ACCESSION
AX614439
VERSION
AX614439.1 GI:6738264
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified
REFERENCE
1 (bases 1 to 23)
AUTHORS
SPYROC,G.
TITLE
MAMMALIAN THIOREDOXIN
JOURNAL
Patent: WO 9832863-A 34 30-JUL-1998;
DEAN JOHN PAUL (GB); KAROBIO AB (SE)
FEATURES
location/Qualifiers
1..23
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT
4 a 12 c 2 g 5 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 547 ACCTGGCATTCCACCCTC 567
 |||||
 Db 3 ACCTGGCATTCCACCCTC 23

RESULT 60
 LOCUS BD064116 23 bp DNA linear PAT 27-AUG-2002
 DEFINITION Mammalian thioredoxin.
 ACCESSION BD064116
 VERSION BD064116.1 GI:22609719
 KEYWORDS JP 2001510997-A/15.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 23)
 AUTHORS Spyrou,G.
 TITLE Mammalian thioredoxin
 JOURNAL Patent: JP 2001510997-A 15 07-AUG-2001;
 KARO BIO AB
 PN JP 2001510997-A/15
 PD 07-AUG-2001
 PR 28-JAN-1998 JP 1998531760
 PI 28-JAN-1997 GB 9701710.7
 PT GIANNIS SPYROU
 PC C12N15/53, C12N9/02, A61K38/44, C12N15/85, C12N15/70, C12N1/21, PC
 C12N5/10,
 CC C07K16/40, G01N33/58, A01K67/027, C12Q1/68
 CC Strandedness: Single;
 CC Topology: Linear;
 FH key Location/Qualifiers.

FEATURES
 source 1..23
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 4 a 12 c 2 g 5 t

Query Match 1.1%; Score 16.2; DB 1; Length 23;
 Best Local Similarity 85.7%; Pred. No. 2.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 547 ACCTGGCATTCCACCCTC 567
 |||||
 Db 3 ACCTGGCATTCCACCCTC 23

RESULT 61
 LOCUS E29883/c 20 bp DNA linear PAT 18-JUN-2001
 DEFINITION HIV cofactor inhibitor.
 ACCESSION E29883
 VERSION E29883.1 GI:13021278
 KEYWORDS JP 1999292795-A/37.
 SOURCE unclassified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
 TITLE HIV cofactor inhibitor
 JOURNAL Patent: JP 1999292795-A 37 26-OCT-1999;
 YAMANOUCHI PHARMACEUT CO LTD
 OS Unidentified
 PN JP 1999292795-A/37
 PD 26-OCT-1999
 PR 02-APR-1998 JP 1998125452

COMMENT
 PI HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI, PI
 AKIRA WADA
 PC A61K48/00, A61K31/70, A61K31/70, C12N15/09, C12N15/00 CC
 FH key Location/Qualifiers
 PT source 1..20
 /organism="Unidentified".

FEATURES
 source 1..20
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 5 a 8 c 7 g 0 t

Query Match 1.1%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1295 TGGTCTGCGCGCTGCT 1310
 |||||
 Db 16 TGGTCTGCGCGCTGCT 1

RESULT 62
 LOCUS AR142908/c 22 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 4 from patent US 6204024.
 ACCESSION AR142908
 VERSION AR142908.1 GI:15104194
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Romano,J.W. and Lee,E.M.
 TITLE CCR5 RNA transcription based amplification assay
 JOURNAL Patent: US 6204024-A 4 20-MAR-2001;
 FEATURES 1..22
 source Location/Qualifiers

BASE COUNT 6 a 9 c 7 g 0 t

Query Match 1.1%; Score 16; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1295 TGGTCTGCGCGCTGCT 1310
 |||||
 Db 16 TGGTCTGCGCGCTGCT 1

RESULT 63
 LOCUS DOGP35102/c 20 bp DNA linear MAM 05-MAR-1996
 DEFINITION Dog (Clome: CXK.351) primer for STS 351, 3' end.
 ACCESSION L24239
 VERSION L24239.1 GI:401901
 KEYWORDS PCR identification; PCR primer; STS.
 SEGMENT 2 of 2
 SOURCE Canis familiaris (dog)
 ORGANISM Canis familiaris
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Carnivora; Placentalia; Canidae; Canis.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Ostrander,B.A., Mapa,F.A., Yee,M. and Rine,J.
 TITLE One hundred and one new simple sequence repeat-based markers for
 the canine genome
 JOURNAL Mamm. Genome 6 (3), 192-195 (1995)
 MEDLINE 95268214
 PUBMED 7749226

COMMENT
 Original source text: Canis familiaris (library: B. Ostrander, in
 plusscript+) adult spleen DNA.
 Submitted by:
 Fred Hutchinson Cancer Research Center
 Transplantation Biology Dept
 1124 Columbia; Mailstop M318
 Seattle, WA 98104, USA
 e-mail: BAostrander@bl.gov
 PCR Buffer: PCR buffer (Perkin-Bmer/Cetus)
 PCR Profile: Denaturation: 94 degrees C for 1.00 minute

Annealing: 55 or 59 degrees C for 0.45 minutes
 Polymerization: 74 degrees C for 1.00 minutes
 PCR Cycles: 33
 Final Extension: 74 degrees C for 5.00 minutes.

FEATURES

Source

1. .20
 /organism="Canis familiaris"
 /mol_type="genomic DNA"
 /db_xref="taxon:9615"
 /tissue_type="spleen"
 /dev_stage="adult"
 /tissue_1ib="B. Ostrander, in pbluescript+"
 complement(1. .20)

BASE COUNT

7 a 7 c 3 g 3 t

Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 2e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1282 AAGATTGAGCTGTGTC 1300

Db 19 AGAGTTGGCCTGTGCTTC 1

RESULT 64
 AR293881/c 20 bp DNA linear PAT 12-JUN-2003
 LOCUS AR293881
 DEFINITION Sequence 5616 from patent US 6537751.
 ACCESSION AR293881
 VERSION AR293881.1 GI:31681165
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 COHEN, D., CHUMAKOV, I. and BLUMENFELD, M.
 Ballelic markers for use in constructing a high density
 disequilibrium map of the human genome
 Patent: US 6537751-A 5616 25-MAR-2003;
 Location/Qualifiers
 1. .20
 /organism="unknown"

BASE COUNT

4 a 1 c 7 g 8 t

Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 2e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 CATCACCTTCACACACAC 393

Db 19 CATCATGTTCACACACAC 1

RESULT 65
 AX430206/c 22 bp DNA linear PAT 28-JUN-2002
 LOCUS AX430206
 DEFINITION Sequence 9 from Patent WO0240647.
 ACCESSION AX430206
 VERSION AX430206.1 GI:21655571
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 SAITH, K. U. and ULRICH, R. G.
 Method of establishing cultures of human dendritic cells and use
 thereof
 Patent: WO 0240647-A 9 23-MAY-2002;
 US ARMY MEDICAL RES INST OF INFECTIOUS DISEASES (US)
 Location/Qualifiers
 1. .22
 /organism="synthetic construct"
 /mol_type="genomic DNA"

FEATURES

Source

1. .22
 /organism="synthetic construct"
 /mol_type="genomic DNA"

/db_xref="taxon:32630"
 /note="primer designed for polymerase chain reaction"

BASE COUNT

3 a 11 c 3 g 5 t

Query Match 1.1%; Score 15.8; DB 1; Length 22;
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCCATGAGAGGGG 1342

Db 19 AGCAGGGCCCATGAGAGGGG 1

RESULT 66
 AX698777/c 22 bp DNA linear PAT 02-APR-2003
 LOCUS AX698777
 DEFINITION Sequence 13 from Patent WO02088328.
 ACCESSION AX698777
 VERSION AX698777.1 GI:29499566
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 BELARDELLI, F., SANTINI, S. M., PARLATO, S., DI PUCCHIO, T., LOGOZZI, M.,
 LA PENTA, C., FERRANTINI, M., SANTODONATO, L. and D'AGOSTINO, G.
 Method for generating highly active human dendritic cells from
 monocytes
 Patent: WO 02088328-A 13 07-NOV-2002;
 Istituto Superiore di Sanita (IT)
 Location/Qualifiers
 1. .22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="PCR primer-Chemokine 3b 5' amplification primer"

BASE COUNT

3 a 11 c 3 g 5 t

Query Match 1.1%; Score 15.8; DB 1; Length 22;
 Best Local Similarity 89.5%; Pred. No. 2.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCCATGAGAGGGG 1342

Db 19 AGCAGGGCCCATGAGAGGGG 1

RESULT 67
 A89729/c 23 bp DNA linear PAT 22-JAN-2000
 LOCUS A89729
 DEFINITION Sequence 34 from Patent WO9832863.
 ACCESSION A89729
 VERSION A89729.1 GI:6738264
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 23)
 SPYROU, G.
 MAMMALIAN THIOREDOXIN
 Patent: WO 9832863-A 34 30-JUL-1998;
 DEAN JOHN PAUL (GB), KAROBIO AB (SE)
 Location/Qualifiers
 1. .23
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT

4 a 12 c 2 g 5 t

Query Match 1.1%; Score 15.8; DB 1; Length 23;
 Best Local Similarity 89.5%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1371 GGTGTGATGCCCAAGTG 1389
 Db 20 GGTGTGATGCCCAAGTG 2

RESULT 68
 BD064116/c
 LOCUS BD064116 23 bp DNA linear PAT 27-AUG-2002
 DEFINITION Mammalian thioredoxin.
 ACCESSION BD064116
 VERSION BD064116.1 GI:22609719
 KEYWORDS JP 2001510997-A/15.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 23)
 AUTHORS Spyrou,G.
 TITLE Mammalian thioredoxin
 JOURNAL Patent: JP 2001510997-A 15 07-AUG-2001;
 COMMENT KARO BIO AB
 PN JP 2001510997-A/15
 PD 07-AUG-2001
 PF 28-JAN-1998 JP 1998531760
 PR 28-JAN-1997 GB 9701710.7
 PI GIANNIS SPYROU
 PC C12N15/53,C12N9/02,A61K38/44,C12N15/85,C12N15/70,C12N1/21, PC
 C12N5/10,
 PC C07K16/40,G01N33/68,A01K67/027,C12Q1/68
 CC Strandedness: Single;
 CC Topology: linear;
 CC Key Location/Qualifiers.

FEATURES
 source
 1..23
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 4 a 12 c 2 g 5 t

Query Match 1.1%; Score 15.8; DB 1; Length 23;
 Best Local Similarity 89.5%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1371 GGTGTGATGCCCAAGTG 1389
 Db 20 GGTGTGATGCCCAAGTG 2

RESULT 69
 AX268943
 LOCUS AX268943 22 bp DNA linear PAT 29-OCT-2001
 DEFINITION Sequence 24 from Patent WO0175165.
 ACCESSION AX268943
 VERSION AX268943.1 GI:16541962
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Mcconlogue,T.C., Games,K.D., Yednock,T.A., Hua,T., Messersmith,E. and Bard,P.
 TITLE Screening markers and methods for neurodegenerative disorders
 JOURNAL Patent: WO 0175165-A 24 11-OCT-2001;
 Eilan Pharmaceuticals, Inc. (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="probe mMC II(1a), a chain-335T"

BASE COUNT 2 a 9 c 6 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1564 CCCAAGGCTCTGTCGACAG 1585
 Db 1 CCCAAGTCCCTCTCTCTCTG 22

RESULT 70
 AX642849/c
 LOCUS AX642849 22 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 177 from Patent WO0240539.
 ACCESSION AX642849
 VERSION AX642849.1 GI:28475069
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Kerkuda,R., Spytek,K.A., Casman,S.J., Zernhusen,B.D., Li,L., Tcherneny,V.T., Colman,S.D., Ballinger,R.A., Padigaru,M., Wolenc,A.R., Shenoy,S.G., Edinger,S.R., Gerlach,V., Gangolli,E.A., Macdougall,J.R., Smithson,G., Peyman,J.A., Stone,D.J., Gunther,R., Ellerman,K., Grosse,W.M., Alsbrook,J.P., Lepley,D.M. and Burgess,C.B.
 TITLE GPCR-like protein and nucleic acids encoding same
 JOURNAL Patent: WO 0240539-A 177 23-MAY-2002;
 Curagen Corporation (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"

BASE COUNT 6 a 3 c 8 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 747 GAACATCAGCAGATCCACCTC 768
 Db 22 GTACATCAGCAGATCTCTCTC 1

RESULT 71
 AX702996/c
 LOCUS AX702996 22 bp DNA linear PAT 03-APR-2003
 DEFINITION Sequence 225 from Patent WO02059313.
 ACCESSION AX702996
 VERSION AX702996.1 GI:29538042
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Li,L., Ballinger,R.A., Padigaru,M., Kerkuda,R., Colman,S.D., Spytek,K.A., Casman,S.J., Vernet,C.A., Shenoy,S.G., Gusev,V., Malyankar,U.M., Edinger,S., Gerlach,V., Smithson,G., Stone,D.J., Sciore,P., Macdougall,J.R., Gunther,B., Peyman,J.A., Ellerman,K., Gangolli,E.A. and Millet,T.
 TITLE G-protein coupled receptors and nucleic acids encoding same
 JOURNAL Patent: WO 02059313-A 225 01-AUG-2002;
 Curagen Corporation (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="PCR Primer Sequence"

BASE COUNT 6 a 3 c 8 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;

QY 384 CACCAACGACACCGTCTCC 405
| | | | | | | | | | | | | | | |

SOURCE ORGANISM	
Homo sapiens (human)	
Homo sapiens	
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;	

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 AUTHORS Zhan, J.
 TITLE Human testis expressed patched like protein
 JOURNAL Patent: EP 1229046-A 463 07-AUG-2002;
 Aecomica, Inc. (US)
 FEATURES
 source location/Qualifiers
 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 2 a 8 c 3 g 4 t
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 414 GTACCGCACCTTCAGT 430
 |||||
 1 GTCCCGCACCTTCAGT 17
 RESULT 77
 LOCUS AX673076 17 bp DNA linear PAT 27-MAR-2003
 DEFINITION Sequence 1521 from Patent WO03004526.
 ACCESSION AX673076
 VERSION AX673076.1 GI:29331424
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Teitelman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 JOURNAL Patent: WO 03004526-A 1521 16-JAN-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 5 a 6 c 3 g 3 t
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 663 GTTCCCTTCAGACA 679
 |||||
 1 GATCCCTTCAGACA 17
 RESULT 78
 LOCUS AX688732 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1464 from Patent EP1281758.
 ACCESSION AX688732
 VERSION AX688732.1 GI:29411436
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
 mdz12
 JOURNAL Patent: EP 1281758-A 1464 05-FEB-2003;
 Aecomica, Inc. (US)

FEATURES
 source location/Qualifiers
 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 4 a 6 c 5 g 2 t
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1062 CAGACCTGACAGTCA 1078
 |||||
 1 CAGACCTGACAGTCA 17
 RESULT 79
 LOCUS AX723846 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 1533 from Patent WO03025176.
 ACCESSION AX723846
 VERSION AX723846.1 GI:30503189
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Teitelman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 1533 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1. 17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 2 a 3 c 5 g 7 t
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 746 AGACATCAGCAGATC 762
 |||||
 17 AGACATCAGCAGATC 1
 RESULT 80
 LOCUS BD066968 17 bp DNA linear PAT 27-AUG-2002
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD066968
 VERSION BD066968.1 GI:22612571
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Schlingensiefen, K.H. and Brysch, W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 1603 07-AUG-2001;
 BIOGENSTIK GRSBLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
 COMMENT
 OS Unknown
 PN JP 2001511000-A/1603
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 JP 97101531.8
 PI KARL HERMANN SCHLINGENSIEFEN, WOLFGANG BRYSCH
 PC C12N15/11, C07H21/04, A61K31/70
 CC An antisense oligonucleotide preparation method FH Key

Location/Qualifiers
FT source 1..17 /Organism='Unknown'.
FEATURES
source Location/Qualifiers
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 5 a 3 c 5 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 GTCCCTTCAAGACA 679
DB 17 GTCTCTTCAAGACA 1

RESULT 81
AX084272 18 bp DNA linear PAT 28-FEB-2001
LOCUS
DEFINITION Sequence 66 from Patent WO0110902.
ACCESSION AX084272
VERSION AX084272.1 GI:13185775
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Shimkets, R.A. and Fernandes, E.
Nucleic acids and secreted polypeptides encoded thereby
TITLE Patent: WO 0110902-A 66 15-FEB-2001;
JOURNAL Curagen Corporation (US)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR PRIMER"
BASE COUNT 4 a 5 c 7 g 2 t

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGACGAA 794
DB 2 TGGACCGGCTGACGAA 18

RESULT 82
AX084275 18 bp DNA linear PAT 28-FEB-2001
LOCUS
DEFINITION Sequence 69 from Patent WO0110902.
ACCESSION AX084275
VERSION AX084275.1 GI:13185778
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Shimkets, R.A. and Fernandes, E.
Nucleic acids and secreted polypeptides encoded thereby
TITLE Patent: WO 0110902-A 69 15-FEB-2001;
JOURNAL Curagen Corporation (US)
FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR PRIMER"
BASE COUNT 2 a 7 c 5 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGACGAA 794
DB 17 TGGACCGGCTGACGAA 1

RESULT 83
BD089355/c 19 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION A method of arraying genome clone.
ACCESSION BD089355
VERSION BD089355.1 GI:22634965
KEYWORDS JP 2001321190-A/1599.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 19)
Soeda, E.
A method of arraying genome clone
TITLE Patent: JP 2001321190-A 1599 20-NOV-2001;
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/1599
PD 20-NOV-2001
PF 12-MAR-2001 JP 20010668285
PI RICHII SOBDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
location/Qualifiers
FT source 1..19
/organism="Artificial Sequence".
FEATURES
source Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 4 a 7 c 4 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 CGAGCGGAGACTCTTC 1351
DB 19 CGATGGGAGAGACTCTTC 3

RESULT 84
AB068582/c 19 bp DNA linear SYN 21-MAY-2003
LOCUS
DEFINITION Synthetic construct DNA, forward primer for human STS sts-R369A24F
ACCESSION AB068582
VERSION AB068582.1 GI:15129386
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 Chen, Y.Z., Hayashi, Y., Wu, J.G., Takeoka, E., Makawa, K.,
Matanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Morinashi, A., Onita, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
and Soeda, E.
A BAC-based STS-content map spanning a 35-Mb region of human
TITLE chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)

MEDLINE	21269192
PUBMED	113748902
REFERENCE	2 (bases 1 to 19)
AUTHORS	Horiï, A.
TITLE	Direct Submission
JOURNAL	Submitted (04-AUG-2001) Akira Horiï, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horiia@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES	Location/Qualifiers
source	1..19 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"
misc_feature	1..19 /note="forward primer for human STS sts-R369A24F at 1p36 sts-R369A24F obtained from clones B9GZ, B369A24, Human BAC library RPci-11"
BASE COUNT	4 a 4 g 4 t 4 c
Query Match	1.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity	94.1%; Pred.No.2e+02;
Matches	16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy	1335 GGAGGGGAGACTCTTC 1351 Db 19 GGATGGGAGACTCTTC 3
RESULT 85	
LOCUS	AR271800 20 bp DNA linear PAT 10-APR-2003
DEFINITION	Sequence 44 from patent US 6503754.
ACCESSION	AR271800
VERSION	AR271800.1 GI:29703368
KEYWORDS	Unknown.
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 20)
AUTHORS	Zhang,H. and Wyatt,J.
TITLE	Antisense modulation of BH3 interacting domain death agonist expression
JOURNAL	Patent: US 6503754-A 44 07-JAN-2003;
FEATURES	Location/Qualifiers
source	1..20 /organism="unknown"
BASE COUNT	4 a 2 c 10 g 4 t
Query Match	1.1%; Score 15.4; DB 1; Length 20;
Best Local Similarity	94.1%; Pred.No.2.3e+02;
Matches	16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy	423 CTTCCAGTTCAGGCCCT 439 Db 17 CTTCAGATCCAGGCCCT 1
RESULT 86	
LOCUS	AX020020 20 bp DNA linear PAT 07-SEP-2000
DEFINITION	Sequence 34 from Patent WO937764.
ACCESSION	AX020020
VERSION	AX020020.1 GI:10043849
KEYWORDS	.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE	Veuvelers,M.P. and David,G.J.
AUTHORS	New members of the glypican gene family
TITLE	
JOURNAL	Patent: WO 9937764-A 34 29-JUN-1999;

VEGGIERS MARK PAUL DITTMAR (BB) / VLAAMS INTERUNIV INST BIOTECH					
(BB), DAVID GUIDO JOSEPH FRANS (BB)					
Location/Qualifiers					
1..20					
/organism="Homo sapiens"					
/mol_type="genomic DNA"					
/db_xref="taxon:9606"					
BASE COUNT	2	a	6	c	4 g 8 t
Query Match 1.1%; Score 15.4; DB 1; Length 20;					
Best Local Similarity 94.1%; Pred.No.2.3e+02;					
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					
OY	1430	TCTGTGTCGTGTCCT	1446		
DB	4	TCTGTGTCGTGTCCT	20		
RESULT 87					
LOCUS	AJ7934		21 bp	DNA	linear PAT 05-MAR-1997
DEFINITION	Sequence 12 from Patent WO9408018.				
ACCESSION	AJ7934				
VERSION	AJ7934.1		GI:2294591		
KEYWORDS					
SOURCE	unidentified				
ORGANISM	unclassified.				
REFERENCE	1 (bases 1 to 21)				
AUTHORS	Varvill,K., Pickeringll,R.W., Gould,G.W., Goodenough,P.W. and				
TITLE	Moseley,B.B.				
JOURNAL	ALTERATION OF POLYPEPTIDES				
COMMENT	Patent: WO 9408018-A 12 14-APR-1994;				
FEATURES	UNILEVER PLC (GB)				
	Other publication GB 2273931 940706				
	Other publication JP 8501939T 960305.				
	Location/Qualifiers				
Source	1..21				
	/organism="unidentified"				
	/mol_type="genomic DNA"				
	/db_xref="taxon:32644"				
BASE COUNT	8	a	5	c	7 g 1 t
Query Match 1.1%; Score 15.4; DB 1; Length 21;					
Best Local Similarity 94.1%; Pred.No.2.6e+02;					
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					
OY	722	TCTTGCGGTTCAGC	738		
DB	19	TCTTGCGGTTCAGC	3		
RESULT 88					
LOCUS	ARI00344		20 bp	DNA	linear PAT 14-FEB-2001
DEFINITION	Sequence 75 from patent US 6080580.				
ACCESSION	ARI00344				
VERSION	ARI00344.1		GI:12810792		
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	Unclassified.				
AUTHORS	1 (bases 1 to 20)				
TITLE	Baker,B.P., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.				
JOURNAL	Antisense oligonucleotide modulation of tumor necrosis				
FEATURES	factor- α . (TNF- α). expression				
	Patent: US 6080580-A 75 27-JUN-2000;				
	Location/Qualifiers				
Source	1..20				
	/organism="unknown"				
BASE COUNT	5	a	8	c	3 g 4 t
Query Match 1.1%; Score 15.2; DB 1; Length 20;					

Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 432 CCAGCCCTCCAGTCCGACG 451
Db 1 CTAGCCCTCCAGTCCGACG 20

RESULT 89
ARI49999
LOCUS ARI49999 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 75 from patent US 6228642.
ACCESSION ARI49999
VERSION ARI49999.1 GI:15114590
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.P., Bennett,C.,Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(alpha.) (TNF- alpha.) expression
JOURNAL Patent: US 6228642-A 75 08-MAY-2001;
FEATURES Location/Qualifiers
Source 1..20 /organism="unknown"

BASE COUNT 5 a 8 c 3 g 4 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 432 CCAGCCCTCCAGTCCGACG 451
Db 1 CTAGCCCTCCAGTCCGACG 20

RESULT 90
ARI312123
LOCUS ARI312123 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2660 from patent US 6559294.
ACCESSION ARI312123
VERSION ARI312123.1 GI:31705549
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths,R., Holiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 2660 06-MAY-2003;
FEATURES Location/Qualifiers
Source 1..20 /organism="unknown"

BASE COUNT 6 a 8 c 2 g 4 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCCATGACCTGAGCTCAT 542
Db 1 CCCATGACCTGAGCTCAT 20

RESULT 91
AX292919/c
LOCUS AX292919 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 4681 from Patent WO0179548.
ACCESSION AX292919
VERSION AX292919.1 GI:17054602
KEYWORDS

SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Barany,F., Zilv,M., Gerry,N.P., Favis,R. and Kilman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
CORRELL RESEARCH FOUNDATION, INC. (US)
FEATURES Location/Qualifiers
Source 1..20 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 3 a 10 c 2 g 5 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1275 AACTGGAGAGTTGAGCCTG 1294
Db 20 AACGGGAGAGTTGAGCCTG 1

RESULT 92
AX474015
LOCUS AX474015 20 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 169 from Patent WO0246458.
ACCESSION AX474015
VERSION AX474015.1 GI:22208170
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Rukavota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE Denefle,P., Rosier-Montus,M.F., Prades,C., Arnould-Reguigne,I., Duvexger,N., Allikmets,R. and Dean,M.
JOURNAL Nucleic acids of the human abca5, abca6, abca9, and abca10 genes, vectors containing such nucleic acids and uses thereof
Patent: WO 0246458-A 169 13-JUN-2002;
Aventis Pharma S.A. (FR) ; The Secretary, Department of Health and Human Services (US)
FEATURES Location/Qualifiers
Source 1..20 /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 10 c 1 g 7 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CTTTCAGTTCAGCCCTCC 441
Db 1 CTTTCAGTTCAGCCCTCC 20

RESULT 93
BD177429
LOCUS BD177429 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for screening genes.
ACCESSION BD177429
VERSION BD177429.1 GI:330014690
KEYWORDS JP 2002306174-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Arai,S., Nagata,T., Takahashi,Y., Ishii,K. and Ishikawa,K.

TITLE A method for screening genes
JOURNAL Patent: JP 2002306174-A 7 22-OCT-2002;
NIPON UNIVERSITY
OS Artificial Sequence
COMMENT PN JP 2002306174-A/7
PD 22-OCT-2002
PI 11-APR-2001 JP 2001112367
PI SATOHI ASAI, TOSHITO NAGATA, YASUO TAKAHASHI, KEIKI ISHII, PI
KOICHI ISHIKAWA
PC C12N15/09, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/56
PC G01N37/00, C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'
FEATURES
source location/Qualifiers
1.20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
BASE COUNT 6 a 4 c 6 g 4 t
Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 533 TGAAGCTCATGACCTTG 552
DB 1 TGAAGCAGACGACCTTG 20
RESULT 94
AR106061/c 21 bp DNA linear PAT 14-FEB-2001
LOCUS AR106061
DEFINITION Sequence 5 from patent US 6103498.
ACCESSION AR106061
VERSION AR106061.1 GI:12820126
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lawrence, D.A. and Stefansson, S.P.
TITLE Mutant plasmidogen activator-inhibitor type 1 (PAI-1) and uses
thereof
JOURNAL Patent: US 6103498-A 5 15-AUG-2000;
FEATURES location/Qualifiers
source 1.21
/organism='unknown'
BASE COUNT 2 a 11 c 5 g 3 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCCATGAGGGGAGAC 1346
DB 20 GGGGCCATGAGGGGAGAC 1
RESULT 95
AR258506/c 21 bp DNA linear PAT 20-DEC-2002
LOCUS AR258506
DEFINITION Sequence 5 from patent US 6489143.
ACCESSION AR258506
VERSION AR258506.1 GI:27308860
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lawrence, D.A. and Stefansson, S.P.

TITLE Mutant plasmidogen activator-inhibitor type 1 (PAI-1) proteins
JOURNAL Patent: US 6489143-A 5 03-DEC-2002;
NIPON UNIVERSITY
OS Artificial Sequence
COMMENT PN JP 2002306174-A/7
PD 22-OCT-2002
PI 11-APR-2001 JP 2001112367
PI SATOHI ASAI, TOSHITO NAGATA, YASUO TAKAHASHI, KEIKI ISHII, PI
KOICHI ISHIKAWA
PC C12N15/09, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/56
PC G01N37/00, C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'
FEATURES
source location/Qualifiers
1.20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
BASE COUNT 6 a 4 c 6 g 4 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCCATGAGGGGAGAC 1346
DB 20 GGGGCCATGAGGGGAGAC 1
RESULT 96
AX156131/c 21 bp DNA linear PAT 22-JUN-2001
LOCUS AX156131
DEFINITION Sequence 17 from Patent WO0138560.
ACCESSION AX156131
VERSION AX156131.1 GI:14537139
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Lawrence, D.A. and Day, P.
TITLE Novel detection method for a functionally active form of an enzyme
in biological samples and a kit
JOURNAL Patent: WO 0138560-A 17 31-MAY-2001;
AMERICAN RBD CROSS (US)
FEATURES location/Qualifiers
source 1.21
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'
BASE COUNT 2 a 11 c 5 g 3 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCCATGAGGGGAGAC 1346
DB 20 GGGGCCATGAGGGGAGAC 1
RESULT 97
AX417172 21 bp DNA linear PAT 14-JUN-2002
LOCUS AX417172
DEFINITION Sequence 11 from Patent WO0216656.
ACCESSION AX417172
VERSION AX417172.1 GI:21449759
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Brunkow, M.E.
TITLE Methods for detecting mutations in the human scurfy foxp3 gene
JOURNAL Patent: WO 0216656-A 11 28-FEB-2002;
Celltech R & D, Inc. (US)
FEATURES location/Qualifiers
source 1.21
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='Oligonucleotide suitable for amplifying DNA from
human FOXP3 genomic DNA'
BASE COUNT 4 a 3 c 8 g 6 t

Query Match 1.1%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 2.8e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1278 TGGGAAGATTGAGCTGTGG 1297
 DB 2 TGGGAAGTTAAGCTCTGG 21

RESULT 98
 LOCUS AK613449/c 21 bp DNA linear PAT 17-FEB-2003
 DEFINITION Sequence 4474 from Patent WO02072882.
 ACCESSION AK613449
 VERSION AK613449.1 GI:28408878
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCES Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 AUTHORS Cullen, P. and Seedorf, U.
 TITLE Coronary chip
 JOURNAL Patent: WO 02072882-A 4474 19-SEP-2002;
 OGAM GmbH (DE)
 FEATURES Location/Qualifiers
 source 1..21
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 10 a 5 c 0 g 6 t

Query Match 1.1%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 2.8e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1472 AGAAGCTATTATTG 1491
 DB 20 AGAAGCTATTATTG 1

RESULT 99
 LOCUS AR152740/c 20 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 20 from patent US 6235470.
 ACCESSION AR152740
 VERSION AR152740.1 GI:15120272
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCES Unclassified.
 AUTHORS Sidransky, D.
 TITLE Detection of neoplasia by analysis of saliva
 JOURNAL Patent: US 6235470-A 20 22-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCCTGTGCTCG 1302
 DB 17 GAGCCTGTGCTCG 3

RESULT 100
 LOCUS AR152772 20 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 52 from patent US 6235470.

ACCESSION AR152772
 VERSION AR152772.1 GI:15120304
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCES Unclassified.
 AUTHORS Sidransky, D.
 TITLE Detection of neoplasia by analysis of saliva
 JOURNAL Patent: US 6235470-A 52 22-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCCTGTGCTCG 1302
 DB 4 GAGCCTGTGCTCG 18

RESULT 101
 LOCUS AR169291/c 20 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 20 from patent US 6291163.
 ACCESSION AR169291
 VERSION AR169291.1 GI:17907134
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCES Unclassified.
 AUTHORS Sidransky, D.
 TITLE Method for detecting cell proliferative disorders
 JOURNAL Patent: US 6291163-A 20 18-SEP-2001;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCCTGTGCTCG 1302
 DB 17 GAGCCTGTGCTCG 3

RESULT 102
 LOCUS AR169323 20 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 52 from patent US 6291163.
 ACCESSION AR169323
 VERSION AR169323.1 GI:17907169
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCES Unclassified.
 AUTHORS Sidransky, D.
 TITLE Method for detecting cell proliferative disorders
 JOURNAL Patent: US 6291163-A 52 18-SEP-2001;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGTCTTG 1302
 Db 4 GAGCCTGTGTCTTG 18

RESULT 103
 AR252779/c 20 bp mRNA linear PAT 20-DEC-2002
 LOCUS AR252779
 DEFINITION Sequence 20 from patent US 6479234.
 ACCESSION AR252779
 VERSION AR252779.1 GI:27301128
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Sidransky,D.
 TITLE Detection of hypermutable nucleic acid sequence in tissue and body fluids
 JOURNAL Patent: US 6479234-A 20 12-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..20 /organism="unknown"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGTCTTG 1302
 Db 17 GAGCCTGTGTCTTG 3

RESULT 104
 AR252799 20 bp mRNA linear PAT 20-DEC-2002
 LOCUS AR252799
 DEFINITION Sequence 40 from patent US 6479234.
 ACCESSION AR252799
 VERSION AR252799.1 GI:27301148
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Sidransky,D.
 TITLE Detection of hypermutable nucleic acid sequence in tissue and body fluids
 JOURNAL Patent: US 6479234-A 40 12-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..20 /organism="unknown"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGTCTTG 1302
 Db 4 GAGCCTGTGTCTTG 18

RESULT 105
 BD134196/c 20 bp DNA linear PAT 18-SEP-2002
 LOCUS BD134196
 DEFINITION Detection of neoplasia by analysis of saliva.
 ACCESSION BD134196
 VERSION BD134196.1 GI:23229141
 KEYWORDS JP 2002505888-A/20.
 SOURCE synthetic construct

ORGANISM synthetic construct
 artificial sequences.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Sidransky,D.
 TITLE Detection of neoplasia by analysis of saliva
 JOURNAL Patent: JP 2002505888-A 20 26-FEB-2002;
 COMMENT THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 OS Artificial Sequence
 PN JP 2002505888-A/20
 PD 26-FEB-2002
 PF 10-MAR-1999 JP 2000535774
 PR 10-MAR-1998 US 09/038637
 PI DAVID SIDLANSKI
 PC C12N15/09,C12Q1/68,C12N15/00
 CC nucleotide
 FH Key
 FT source Location/Qualifiers
 1..20 /organism="Artificial Sequence".

FEATURES Location/Qualifiers
 source 1..20 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGTCTTG 1302
 Db 17 GAGCCTGTGTCTTG 3

RESULT 106
 BD134228 20 bp DNA linear PAT 18-SEP-2002
 LOCUS BD134228
 DEFINITION Detection of neoplasia by analysis of saliva.
 ACCESSION BD134228
 VERSION BD134228.1 GI:23229173
 KEYWORDS JP 2002505888-A/52.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Sidransky,D.
 TITLE Detection of neoplasia by analysis of saliva
 JOURNAL Patent: JP 2002505888-A 52 26-FEB-2002;
 COMMENT THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 OS Artificial Sequence
 PN JP 2002505888-A/52
 PD 26-FEB-2002
 PF 10-MAR-1999 JP 2000535774
 PR 10-MAR-1998 US 09/038637
 PI DAVID SIDLANSKI
 PC C12N15/09,C12Q1/68,C12N15/00
 CC nucleotide
 FH Key
 FT source Location/Qualifiers
 1..20 /organism="Artificial Sequence".

FEATURES Location/Qualifiers
 source 1..20 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1288 GAGCCTGTGTCTTG 1302
 Db 17 GAGCCTGTGTCTTG 3

Db 4 GAGCGTGTGCTCTG 18

RESULT 107
LOCUS AR091654/c 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 16 from patent US 5994319.
ACCESSION AR091654
VERSION AR091654.1 GI:10018409
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)
AUTHORS Hoke,G.D., Jr.
TITLE Combination therapy for androgenic alopecia with antisense oligonucleotides and minoxidil
JOURNAL Patent: US 5994319-A 16 30-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
BASE COUNT 4 a 8 c 6 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGGTTCACTGCC 1083
Db 15 TGCAGGTTCACTGCC 1

RESULT 108
LOCUS AR243442 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 235 from patent US 6475789.
ACCESSION AR243442
VERSION AR243442.1 GI:27290653
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)
AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit: diagnostic and therapeutic methods
JOURNAL Patent: US 6475789-A 235 05-NOV-2002;
FEATURES Location/Qualifiers
source 1..21
BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCGCTCTGCTGC 1438
Db 1 GCTGCGCTCTGCTGC 15

RESULT 109
LOCUS AX113456 21 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 31 from Patent WO0127612.
ACCESSION AX113456
VERSION AX113456.1 GI:13939712
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1

AUTHORS Rafter,C., Cullmann,G., Lakner,M., Truee,A., Dahnert,S. and Schwartz,G.
TITLE Immuno-chromatographic rapid assay in order to detect acid-resistant microorganisms in the stool
JOURNAL Patent: WO 0127612-A 31 19-APR-2001;
FEATURES Connex Gesellschaft zur Optimierung von Forschung und Entwicklung mbH (DE)
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="CDR"

BASE COUNT 5 a 9 c 4 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGCACATCCACCCGG 1198
Db 1 TGCACATCCACCCGG 15

RESULT 110
LOCUS AX113591 21 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 31 from Patent WO0127613.
ACCESSION AX113591
VERSION AX113591.1 GI:13939783
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Rafter,C., Cullmann,G., Heppner,P., Ringels,A., Mueller,H. and Haendl,B.
TITLE Improved method for the detection of acid resistant microorganisms in a stool
JOURNAL Patent: WO 0127613-A 31 19-APR-2001;
FEATURES Connex Gesellschaft zur Optimierung von Forschung und Entwicklung (DE)
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="CDR"

BASE COUNT 5 a 9 c 4 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGCACATCCACCCGG 1198
Db 1 TGCACATCCACCCGG 15

RESULT 111
LOCUS BD011172 21 bp DNA linear PAT 31-JAN-2002
DEFINITION Human telomerase catalytic subunit.
ACCESSION BD011172
VERSION BD011172.1 GI:18639545
KEYWORDS JP 2001081042-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B., Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit

JOURNAL Patent: JP 2001081042-A 129 27-MAR-2001;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/129

PD 27-MAR-2001
PR 01-OCT-1996 US 08/724643.18-APR-1997 US 08/844419 PR
25-APR-1997 US 08/846017.06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050.14-AUG-1997 US 08/911312 PR
14-AUG-1997 US 08/912951.14-AUG-1997 US 08/915503 PR THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
PC C07K5/10,
PC C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
C12N15/09,
PC C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/53,
PC G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
PH key Location/Qualifiers
FT source 1..21
/organism='Unidentified'.
Location/Qualifiers
1..21
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCTCTCTCTGC 1438
|||||
Db 1 GCTGCTCTCTCTGC 15

RESULT 112
E36921
LOCUS E36921 21 bp DNA linear PAT 18-JUN-2001
DEFINITION Human telomerase catalytic subunit promoter.
ACCESSION E36921.1 GI:13022884
VERSION JP 1999253177-A/129.
KEYWORDS
SOURCE Unidentified
ORGANISM Unidentified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Thomas, R.S., Jochimu, R., Toru, N., Karen, B.C., Greg, B.M.,
Calvin, B.H. and William, H.A.
TITLE Human telomerase catalytic subunit promoter
JOURNAL Patent: JP 1999253177-A 129 21-SEP-1999;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 1999253177-A/129
PD 21-SEP-1999
PR 01-OCT-1996 US 08/724 643.18-APR-1997 US 08/844 419, PR
25-APR-1997 US 08/846 017.06-MAY-1997 US 08/851 843, PR
09-MAY-1997 US 08/854 050.14-AUG-1997 US 08/911 312, PR
14-AUG-1997 US 08/912 951.14-AUG-1997 US 08/915 503 PI THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
PC C12Q1/02, C12Q1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC
C07K16/40,
PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, (C12N1/19, PC

C12R1.84),
PC (C12N1/21, C12R1.19), (C12N9/12, C12R1.19), (C12N9/12, C12R1.84),
PC (C12N9/12, C12R1.91), C12N15/00, A61K37/64, C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
PH key Location/Qualifiers
FT source 1..21
/organism='Unidentified'.
Location/Qualifiers
1..21
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCTCTCTCTGC 1438
|||||
Db 1 GCTGCTCTCTCTGC 15

RESULT 113
AX711184
LOCUS AX711184/c 18 bp DNA linear PAT 11-APR-2003
DEFINITION Sequence 484 from Patent EP1288236.
ACCESSION AX711184
VERSION AX711184.1 GI:29787565
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Draper, K.G., McSwigen, J.A., Holceck, J.J., Dudycz, L.W.,
Macejak, D.G. and Mamone, J.A.
TITLE Method and reagent for inhibiting HBV viral replication
JOURNAL Patent: EP 1288236-A 484 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
1..18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='Nucleic acid clone fragments'

BASE COUNT 3 a 7 c 6 g 2 t

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 332 AGCGCGGCGCTACGCTG 349
|||||
Db 18 AGCTGGGCGCGACGCTG 1

RESULT 114
I78713/c
LOCUS I78713 18 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 28 from patent US 5693779.
ACCESSION I78713
VERSION I78713.1 GI:3014867
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Moos, M., Jr., Klink, M. and Wang, S.
TITLE Production and use of anti-dorsalizing morphogenetic protein
JOURNAL Patent: US 5693779-A 28 03-DEC-1997;
FEATURES location/Qualifiers
1..18

BASE COUNT 4 a 3 c 7 g 4 t
/organism="unknown"
Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 172 CTCATCAGCAGCAGTC 189
Db 18 CTCATCAGCTGCAGCTC 1

RESULT 115
LOCUS AR297776 19 bp DNA
DEFINITION Sequence 9511 from patent US 6537751.
ACCESSION AR297776
VERSION AR297776.1 GI:31685060
KEYWORDS
SOURCE
ORGANISM
Unidentified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 9511 25-MAR-2003;
Location/Qualifiers
SOURCE 1. 19
/organism="unknown"

BASE COUNT 6 a 9 c 0 g 4 t
Query Match 1.0%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 1003 TCCATCTACCCAGCCAC 1020
Db 2 TCCATCTCAGCCAC 19

RESULT 116
LOCUS AX132154 19 bp DNA
DEFINITION Sequence 3372 from Patent WO0130362.
ACCESSION AX132154
VERSION AX132154.1 GI:14138459
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1
AUTHORS Robbins, J.M. and Tritz, R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye
JOURNAL diseases
IMMUSOL, INC. (US)
Patent: WO 0130362-A 3372 03-MAY-2001;
Location/Qualifiers
SOURCE 1. 19
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="Cyclin B1 ribozyme binding site"

BASE COUNT 1 a 2 c 6 g 10 t
Query Match 1.0%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 364 CACAAAGCAACATCACC 381
Db 19 CACAAAGCAAGTCACC 2

RESULT 117
LOCUS A83846 20 bp DNA
DEFINITION Sequence 5 from Patent WO9848026.
ACCESSION A83846
VERSION A83846.1 GI:6733024
KEYWORDS
SOURCE
ORGANISM
Unidentified
unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Guzman, C. and Darji, A.
TITLE ATTENUATED SALMONELLA STRAIN USED AS A VEHICLE FOR ORAL
JOURNAL IMMUNIZATION
IMMUNIZATION
Patent: WO 9848026-A 5 29-OCT-1998;
BIOLOGICAL FORSCHUNG GMBH (DE); GUZMAN CARLOS (DE)
FEATURES Location/Qualifiers
SOURCE 1. 20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 5 a 5 c 7 g 3 t
Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 406 TTCTCGAGTACCGCACC 423
Db 19 TTCTCGAGTACCGCACC 2

RESULT 118
LOCUS AR018010 20 bp DNA
DEFINITION Sequence 45 from patent US 5780278.
ACCESSION AR018010
VERSION AR018010.1 GI:3973613
KEYWORDS
SOURCE
ORGANISM
Unidentified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller, G.G., Peek, R.M. Jr., Thompson, S.A. and Blaser, M.J.
TITLE IceA gene and related methods
JOURNAL Patent: US 5780278-A 45 14-JUL-1998;
Location/Qualifiers
SOURCE 1. 20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t
Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy 1525 GCCATTCAGGCTATCT 1542
Db 20 GCCATTCAGGCTATCT 3

RESULT 119
LOCUS AR018011 20 bp DNA
DEFINITION Sequence 46 from patent US 5780278.
ACCESSION AR018011
VERSION AR018011.1 GI:3973614
KEYWORDS
SOURCE
ORGANISM
Unidentified.
REFERENCE 1 (bases 1 to 20)

AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 5780278-A 46 14-JUL-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 6 a 3 c 5 g 6 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 19 GCCATTCAAGCGCTATTCT 2

RESULT 120
AR018012/c AR018012 20 bp DNA linear PAT 05-DEC-1998

LOCUS Sequence 47 from patent US 5780278.
DEFINITION AR018012
ACCESSION AR018012
VERSION AR018012.1 GI:3973615
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 5780278-A 47 14-JUL-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 121
AR095184/c AR095184 20 bp DNA linear PAT 08-SEP-2000

LOCUS Sequence 45 from patent US 6004354.
DEFINITION AR095184
ACCESSION AR095184
VERSION AR095184.1 GI:10022820
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6004354-A 45 21-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 124
AR107189/c AR107189 20 bp DNA linear PAT 14-FEB-2001

LOCUS Sequence 45 from patent US 6107464.
DEFINITION AR107189
ACCESSION AR107189
VERSION AR107189.1 GI:12821719
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6107464-A 45 22-AUG-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 20 GCCATTCAAGCGCTATTCT 3

RESULT 122
AR095185/c AR095185 20 bp DNA linear PAT 08-SEP-2000

LOCUS Sequence 46 from patent US 6004354.
DEFINITION AR095185
ACCESSION AR095185
VERSION AR095185.1 GI:10022822
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6004354-A 46 21-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 6 a 3 c 5 g 6 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 19 GCCATTCAAGCGCTATTCT 2

RESULT 123
AR095186/c AR095186 20 bp DNA linear PAT 08-SEP-2000

LOCUS Sequence 47 from patent US 6004354.
DEFINITION AR095186
ACCESSION AR095186
VERSION AR095186.1 GI:10022824
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6004354-A 47 21-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 124
AR107189/c AR107189 20 bp DNA linear PAT 14-FEB-2001

LOCUS Sequence 45 from patent US 6107464.
DEFINITION AR107189
ACCESSION AR107189
VERSION AR107189.1 GI:12821719
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6107464-A 45 22-AUG-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 124
AR107189/c AR107189 20 bp DNA linear PAT 14-FEB-2001

LOCUS Sequence 45 from patent US 6107464.
DEFINITION AR107189
ACCESSION AR107189
VERSION AR107189.1 GI:12821719
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
TITLE Icea gene and related methods
JOURNAL Patent: US 6107464-A 45 22-AUG-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 GCCATTCAAGCGCTATTCT 1542

Db 20 GCCATTCAAGCGCTATTCT 3

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BASE COUNT      7 a      3 c      5 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      20 GCCATTGAGCGCTATTCT 3

Db

RESULT 125
LOCUS      AR107190      20 bp      DNA
DEFINITION Sequence 46 from patent US 6107464.
ACCESSION  AR107190
VERSION     AR107190.1 GI:12821720
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miller,G.G., Peek,R.M., Jr., Thompson,S.A. and Blaser,M.J.
TITLE       Ica gene and related methods
JOURNAL     Patent: US 6107464-A 46 22-AUG-2000;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      6 a      3 c      5 g      6 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      19 GCCATTGAGCGCTATTCT 2

Db

RESULT 126
LOCUS      AR107191      20 bp      DNA
DEFINITION Sequence 47 from patent US 6107464.
ACCESSION  AR107191
VERSION     AR107191.1 GI:12821721
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miller,G.G., Peek,R.M., Jr., Thompson,S.A. and Blaser,M.J.
TITLE       Ica gene and related methods
JOURNAL     Patent: US 6107464-A 47 22-AUG-2000;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      7 a      3 c      5 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      18 GCCATTGAGCGCTATTCT 1

Db

RESULT 127
LOCUS      AR208410      20 bp      DNA
DEFINITION Sequence 26 from patent US 6383752.
ACCESSION  AR208410
VERSION     AR208410.1 GI:21509557

```

```

KEYWORDS      Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Agrawal,S. and Kandimala,E.R.
TITLE       Pseudo-cyclic oligonucleosides
JOURNAL     Patent: US 6383752-A 26 07-MAY-2002;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      5 a      8 c      2 g      4 t      1 others
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      593 CTGTGGTGAGATCATGTG 611
      |||||
      19 CTGTGGTGAGATCATGTG 1

Db

RESULT 128
LOCUS      AX110068      20 bp      DNA
DEFINITION Sequence 801 from Patent WO0123604.
ACCESSION  AX110068
VERSION     AX110068.1 GI:13926360
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Bergeron,M.G., Boissinot,M., Huletsky,A., m Nard,C., Quellette,M.,
            Picard,F.J. and Roy,P.H.
TITLE       Highly conserved genes and their use to generate probes and primers
            for detection of microorganisms
JOURNAL     Patent: WO 0123604-A 801 05-APR-2001;
            Infectio Diagnostic (I.D.I.) INC. (CA)
FEATURES    Location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Oligonucleotide"

BASE COUNT      9 a      7 c      3 g      1 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      717 TGGGCTCTTCACGGTGTT 734
      |||||
      20 TGGGCTCTTCACGGTGTT 3

Db

RESULT 129
LOCUS      AX145835      21 bp      DNA
DEFINITION Sequence 26 from Patent WO0134840.
ACCESSION  AX145835
VERSION     AX145835.1 GI:14284353
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Butiria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS     Au,K.G., Chen,J.G., Patil,N. and Thomas,D.
TITLE       Genetic compositions and methods
JOURNAL     Patent: WO 0134840-A 26 17-MAY-2001;
            GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
FEATURES    Location/Qualifiers

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source	1..21	/organism="Homo sapiens"
	/mol_type="genomic DNA"	
	/db_xref="taxon:9606"	
variation	1..21	/note="n' represents a polymorphic base"
BASE COUNT	3 a 4 c 9 g 4 t	1 others
Query Match	1.0%; Score 14.8; DB 1;	Length 21;
Best Local Similarity	84.2%; Pred.No.3.2e+02;	
Matches	16; Conservative 0; Mismatches 3;	Indels 0; Gaps 0;
OY	1378 ATGCCCAAGTGATGACTT 1396	
Db	19 ATGCACAGCGCATGCACT 1	
RESULT 130		
LOCUS	AX153927	21 bp DNA linear PAT 22-JUN-2001
DEFINITION	Sequence 25 from Patent WO0138576.	
ACCESSION	AX153927	
VERSION	AX153927.1 GI:14535541	
KEYWORDS		
SOURCE	Homo sapiens (human)	
ORGANISM	Homo sapiens	
REFERENCE	1 Cargill,M., Ireland,J.S. and Lander,E.S.	
AUTHORS	Human single nucleotide polymorphisms	
TITLE	Patent: WO 0138576-A 25 31-MAY-2001;	
JOURNAL	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)	
FEATURES	Location/Qualifiers	
source	1..21	
	/organism="Homo sapiens"	
	/mol_type="genomic DNA"	
	/db_xref="taxon:9606"	
BASE COUNT	3 a 7 c 5 g 5 t	1 others
Query Match	1.0%; Score 14.8; DB 1;	Length 21;
Best Local Similarity	80.0%; Pred.No.3.2e+02;	
Matches	16; Conservative 1; Mismatches 3;	Indels 0; Gaps 0;
OY	476 TGCCCAATCCTGTGCTTTG 495	
Db	2 TGGCATCAKCTGTGTATG 21	
RESULT 131		
LOCUS	AX391937	21 bp DNA linear PAT 23-MAR-2002
DEFINITION	Sequence 7 from Patent EP1184454.	
ACCESSION	AX391937	
VERSION	AX391937.1 GI:19700514	
KEYWORDS		
SOURCE	synthetic construct	
ORGANISM	artificial sequences.	
REFERENCE	1 Noda,M. and Watanabe,E.	
AUTHORS	Navy channel gene-deficient non-human animals	
TITLE	Patent: EP 1184454-A 7 06-MAR-2002;	
JOURNAL	Director General of Okazaki National Research Institutes (JP)	
FEATURES	Location/Qualifiers	
Source	1..21	
	/organism="Synthetic Construct"	
	/mol_type="genomic DNA"	
	/db_xref="taxon:32630"	
	/note="Primer3"	
BASE COUNT	5 a 7 c 4 g 5 t	
Query Match	1.0%; Score 14.8; DB 1;	Length 21;

Beat Local	Similarity 88.9%	Pred. No. 3.2e+02	Matches 16	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	1559	CGAGTCCACAGGCTCTG	1576				
Db	1	CATCTCCAGGCTCTG	18				
RESULT 132							
AX542224							
LOCUS	AX542224	21 bp	DNA	linear	PAT 23-NOV-2002		
DEFINITION	Sequence 51 from Patent WO0229033.						
ACCESSION	AX542224						
VERSION	AX542224.1	GI:25276440					
KEYWORDS							
SOURCE							
ORGANISM							
REFERENCE							
AUTHORS	1						
TITLE	Stormann,T., Hammerland,L.G., Stojkovich,L.L., Busby,J.G., Garrett,J.B. and Simin,R.T.						
JOURNAL	G-protein fusion receptors and chimeric gaba b? receptors						
FEATURES	Parent: WO 0229033-A 51 11-APR-2002;						
SOURCE	NPS PHARMACEUTICALS, INC. (US)						
Location/Qualifiers							
1..21							
/organism="synthetic construct"							
/mol_type="genomic DNA"							
/db_xref="taxon:32630"							
/note="Primer"							
6 a	5 c	5 g	5 t				
BASE COUNT							
Query Match	1.0%	Score 14.8	DB 1	Length 21			
Beat Local	Similarity 88.9%	Pred. No. 3.2e+02	Matches 16	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	1392	GCACATGCCAGTACGT	1409				
Db	2	GCATTATGCCAGTACAT	19				
RESULT 133							
MMU459725							
LOCUS	MMU459725	21 bp	mRNA	linear	ROD 05-JUL-2002		
DEFINITION	Mus musculus microRNA mir-30b.						
ACCESSION	AJ459725						
VERSION	AJ459725.1	GI:20799043					
KEYWORDS	microRNA mir-30b; mir-30b gene; miRNA.						
SOURCE	Mus musculus (house mouse)						
ORGANISM	Mus musculus						
Bukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.							
REFERENCE	1						
AUTHORS	Lagos-Quintana,M., Rahnu,R., Yalcin,A., Meyer,J., Lendeckel,W. and Tuschl,T.						
TITLE	Identification of tissue-specific microRNAs from mouse						
JOURNAL	Curr. Biol. 12 (9), 735-739 (2002)						
FEATURES	22003507						
REFERENCE	12007417						
AUTHORS	2 (bases 1 to 21)						
TITLE	Tuschl,T.						
JOURNAL	Direct Submission						
Submitted (06-MAY-2002) Dep. of Cellular Biochemistry, Max Planck Institute for Biophysical Chemistry, Am Fassberg 11, Goettingen 37077, Germany							
related sequence: TT72329251 (Trace Archive).							
Location/Qualifiers							
1..21							
/organism="Mus musculus"							
/mol_type="mRNA"							
/db_xref="taxon:10090"							
1..21							
/gene="mir-30b"							
gene							

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misc_RNA
1. .21
/gene="miR-30b"
/product="microRNA miR-30b"
/note="transcribed as larger precursor, predicted to form
hairpin"

BASE COUNT      7 a      2 g      5 t

Query Match      1.0%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1352 ACACATTCCTACCTCAGC 1369
      ||| ||| ||| ||| ||| |||
      4 AAACATCCTACCTCAGC 21

RESULT 134
AX419942      16 bp      DNA      1linear      PAT 18-JUN-2002
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 16
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      4 a      1 c      7 g      4 t

Query Match      1.0%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      938 CAGGGGTGTTGAAGG 953
      ||| ||| ||| ||| ||| |||
      1 CAGGGGTGTTGAAGG 16

RESULT 135
AR083065      17 bp      DNA      1linear      PAT 01-SEP-2000
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 17
/organism="unknown"

BASE COUNT      1 a      7 c      3 g      6 t

Query Match      1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1438 CTGGTCCCTGTCATCT 1453
      ||| ||| ||| ||| ||| |||
      1 CTGGTCCCTGTCATCT 16

```

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RESULT 136
AR167922      17 bp      DNA      1linear      PAT 17-DEC-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 17
/organism="unknown"

BASE COUNT      1 a      7 c      3 g      6 t

Query Match      1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1438 CTGGTCCCTGTCATCT 1453
      ||| ||| ||| ||| ||| |||
      1 CTGGTCCCTGTCATCT 16

RESULT 137
AR188517      17 bp      DNA      1linear      PAT 20-APR-2002
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 17
/organism="unknown"

BASE COUNT      3 a      6 c      3 g      5 t

Query Match      1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      231 CACGTGGAAGAGATC 246
      ||| ||| ||| ||| ||| |||
      16 CACGTGGAAGAGATC 1

RESULT 138
AX215228      17 bp      mRNA      1linear      PAT 07-SEP-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 17
/organism="unknown"

BASE COUNT      3 a      6 c      3 g      5 t

Query Match      1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      231 CACGTGGAAGAGATC 246
      ||| ||| ||| ||| ||| |||
      16 CACGTGGAAGAGATC 1

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Blatt, L., McSwiggen, J., and Chowrira, B. M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression

JOURNAL Patent: WO 0159103-A 670 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowritra, Bharat M. (US)

FEATURES
source
1.17
Location/Qualifiers

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

BASE COUNT 4 a 4 c 4 g 5 t

Oy 1220 GCTCTGTGAACCTGCA 1235
Db 17 GATCTGTGAACCTGCA 2

RESULT 139
AX215229/C

LOCUS AX215229 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 671 from Patent WO0159103.
ACCESSION AX215229
VERSION AX215229.1 GI:15525272

KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., McSwiggen, J. and Chowritra, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 671 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowritra, Bharat M. (US)

FEATURES
source
1.17
Location/Qualifiers

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

BASE COUNT 4 a 4 c 4 g 5 t

Oy 1220 GCTCTGTGAACCTGCA 1235
Db 16 GATCTGTGAACCTGCA 1

RESULT 140
AX499161

LOCUS AX499161 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 468 from Patent EPI229046.
ACCESSION AX499161
VERSION AX499161.1 GI:23381454

KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1
Zhan, J.
Human testis expressed patched like protein
Patent: EP 1229046-A 468 07-AUG-2002;
Aeomica, Inc. (US)

FEATURES
source
1.17
Location/Qualifiers
/organism="Homo sapiens"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 414 GTACGACCTTCGAG 429
Db 2 GTCCGACCTTCGAG 17

RESULT 141
AX499163

LOCUS AX499163 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 470 from Patent EPI229046.
ACCESSION AX499163
VERSION AX499163.1 GI:23381456

KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1
Zhan, J.
Human testis expressed patched like protein
Patent: EP 1229046-A 470 07-AUG-2002;
Aeomica, Inc. (US)

FEATURES
source
1.17
Location/Qualifiers

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

BASE COUNT 2 a 8 c 3 g 4 t

Oy 415 TACCGACCTTCGAGT 430
Db 1 TCCGACCTTCGAGT 16

RESULT 142
AX688603

LOCUS AX688603 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1335 from Patent EPI281758.
ACCESSION AX688603
VERSION AX688603.1 GI:29411305

KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1
Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: EP 1281758-A 1335 05-FEB-2003;
Aeomica, Inc. (US)

FEATURES
source
1.17
Location/Qualifiers

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

BASE COUNT 3 a 5 c 6 g 3 t

Oy 415 TACCGACCTTCGAGT 430
Db 1 TCCGACCTTCGAGT 16

Qy 338 GGCCCTACCTGTACAG 353
Db 2 GGCCCTACCTGTACAG 17

RESULT 143

LOCUS AX688604 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1336 from Patent EP1281758.
ACCESSION AX688604
VERSION AX688604.1 GI:29411306
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1336 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 6 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 338 GGCCCTACCTGTACAG 353
Db 1 GGCCCTACCTGTACAG 16

RESULT 144

LOCUS AX688729 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1461 from Patent EP1281758.
ACCESSION AX688729
VERSION AX688729.1 GI:29411433
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1461 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 5 c 6 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 GTCAGCAGCTGCAGGT 1075
Db 2 GGCAGCAGCTGCAGGT 17

RESULT 145

LOCUS AX688730 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1462 from Patent EP1281758.
ACCESSION AX688730
VERSION AX688730.1 GI:29411434
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1462 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 5 c 7 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 GTCAGCAGCTGCAGGT 1075
Db 1 GGCAGCAGCTGCAGGT 16

RESULT 146

LOCUS AX688731 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1463 from Patent EP1281758.
ACCESSION AX688731
VERSION AX688731.1 GI:29411435
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1463 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 6 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1062 CAGCAGCTGCAGGTC 1077
Db 2 CAGCAGCTGCAGGTC 17

RESULT 147

LOCUS AX688733 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1465 from Patent EP1281758.
ACCESSION AX688733
VERSION AX688733.1 GI:29411437
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

LOCUS AX688730 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1462 from Patent EP1281758.
ACCESSION AX688730
VERSION AX688730.1 GI:29411434
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1462 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 5 c 7 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 GTCAGCAGCTGCAGGT 1075
Db 1 GGCAGCAGCTGCAGGT 16

RESULT 146

LOCUS AX688731 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1463 from Patent EP1281758.
ACCESSION AX688731
VERSION AX688731.1 GI:29411435
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1463 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 6 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1062 CAGCAGCTGCAGGTC 1077
Db 2 CAGCAGCTGCAGGTC 17

RESULT 147

LOCUS AX688733 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1465 from Patent EP1281758.
ACCESSION AX688733
VERSION AX688733.1 GI:29411437
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1465 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source Location/Qualifiers

1.17
/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 2.2e+02; Mismatches 1; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1063 AGCACTGAGCTTCA 1078

Db 1 AGCACTGAGCTTCA 16

RESULT 148

LOCUS A26386 18 bp DNA 11linear PAT 07-APR-1995

DEFINITION probe no.4.

ACCESSION A26386 GI:904943

VERSION A26386.1

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)

AUTHORS ANTIGEN PROCESSING

TITLE Patent: WO 9211289-A 12 09-JUL-1992;

JOURNAL Location/Qualifiers

FEATURES 1.18

source /organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 6 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 2.5e+02; Mismatches 1; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1410 CCTCTGGCGCTGGC 1425

Db 1 CCTCTGGCGCTGGC 16

RESULT 149

LOCUS AX539446 18 bp DNA 11linear PAT 17-FEB-2003

DEFINITION Sequence 786 from Patent WO0207272.

ACCESSION AX539446

VERSION AX539446.1 GI:28395590

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Berlin, K., Braun, A., Dietler, J., Guefy, D., Howe, A., Mueller, J.,

Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Liu, E.,

Lewin, A., Lipscher, B., Maier, S., Model, F., Mueller, V., Otto, T.,

Pellet, C. and Ziebert, H.

TITLE Methods and nucleic acids for the analysis of hematopoietic cell

JOURNAL proliferative disorders

Patent: WO 0207272-A 786 03-OCT-2002;

Epigenomics AG (DE)

FEATURES
source Location/Qualifiers

1.18
/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Detection oligonucleotide for MLH1"

BASE COUNT 4 a 0 c 7 g 7 t

Query Match 1.0%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 2.5e+02; Mismatches 1; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 380 CCTCAGACAGCA 395

Db 17 CCTCAGACAGCA 2

RESULT 150

LOCUS AX412021 19 bp DNA 11linear PAT 14-JUN-2002

DEFINITION Sequence 121 from Patent WO0226968.

ACCESSION AX412021

VERSION AX412021.1 GI:21444486

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Korneluk, R.G., Lacasse, E., Baird, S., Holcik, M. and Young, S.

TITLE Antisense 1ap nucleic acids and uses thereof

JOURNAL Patent: WO 0226968-A 121 04-APR-2002;

University of Ottawa (CA) ; Aegera Therapeutics Inc. (CA)

FEATURES Location/Qualifiers

source 1.19

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Based on Homo sapiens"

BASE COUNT 4 a 7 c 2 g 6 t

Query Match 1.0%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 2.9e+02; Mismatches 1; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 545 TGACCTGCTTTCAC 560

Db 1 TGACCTGCTTTCAC 16

RESULT 151

LOCUS AX527791 19 bp DNA 11linear PAT 21-NOV-2002

DEFINITION Sequence 45 from Patent WO0230974.

ACCESSION AX527791

VERSION AX527791.1 GI:25172295

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Groese, W.M., Alsobrook, J.P., Lepley, D.M., Burgess, C.B., Mishra, V.,

Kekuda, R., Li, L., Padigar, M., Shinkets, R.A., Zernusen, B.D.,

Spytek, K.A., Edinger, S., Gerlach, V., MacDougall, J., Stone, D.,

Gunther, B. and Billeman, K.

TITLE Proteins and nucleic acids encoding same

JOURNAL Patent: WO 0230974-A 45 18-APR-2002;

Curegen Corporation (US)

FEATURES Location/Qualifiers

source 1.19

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Oligonucleotide primer"

BASE COUNT 2 a 8 c 5 g 4 t
 Query Match 1.0%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1435 CTGCTGTCCTCTCA 1450
 DB 3 CTGAGGTCCTCTCA 18

RESULT 152
 AX686090/c 19 bp DNA linear PAT 29-MAR-2003
 LOCUS Sequence 134 from Patent WO02064791.
 DEFINITION AX686090
 ACCESSION AX686090
 VERSION AX686090.1 GI:29371908
 KEYWORDS
 ORGANISM
 SYNTHETIC construct
 SYNTHETIC construct
 artificial sequences.

REFERENCE 1
 AUTHORS Casbrook II, J.P., Anderson, D.W., Burgees, C.E., Boldog, F.L.,
 Gorman, S.J., Colman, S.D., Edinger, S.R., Ellerman, K., Gerlach, V.,
 Gorman, L., Grose, W.M., Guo, X., Herrmann, J.L., Kekuda, R.,
 Lepley, D.M., Li, L., MacDougall, J.R., Miller, I., Pena, C.E.,
 Peyman, J.A., Rastelli, L., Rieger, D.K., Shinkens, R.A., Smithson, G.,
 Soytek, K.A., Stone, D.J., Tchernev, V.T., Vernet, C.A., Voss, E.Z.,
 Zehrnen, B.D., Zhong, H., and Zhong, M.
 Proteins and nucleic acids encoding same
 Patent: WO 02064791-A 134 22-AUG-2002;
 Curagen Corporation (US)
 LOCATION/Qualifiers

FEATURES
 source 1.19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"
 8 c 3 g 3 t

BASE COUNT 5 a 8 c 3 g 3 t
 Query Match 1.0%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 AGGAGTCAGGGGCTT 947
 DB 18 AGGAGTCAGGGGCTT 3

RESULT 153
 AR315921/c 20 bp DNA linear PAT 12-JUN-2003
 LOCUS Sequence 6458 from patent US 6559294.
 DEFINITION AR315921
 ACCESSION AR315921
 VERSION AR315921.1 GI:31709347
 KEYWORDS
 ORGANISM
 UNKNOWN.
 UNCLASSIFIED.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Griffiths, R., Holiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
 Sankaran, B., and Fletcher, L.D.
 Chlamydia pneumoniae polynucleotides and uses thereof
 Patent: US 6559294-A 6458 06-MAY-2003;
 LOCATION/Qualifiers

FEATURES
 source 1.20
 /organism="unknown"
 8 a 7 c 5 g 0 t
 Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1426 TGGGCTGCTGCTGG 1441
 DB 16 TGGCTTCTGCTGCTGG 1

RESULT 154
 AX114458/c 20 bp DNA linear PAT 11-MAY-2001
 LOCUS Sequence 127 from Patent WO0129257.
 DEFINITION AX114458
 ACCESSION AX114458
 VERSION AX114458.1 GI:14031422
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 BUKARYOTA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 AUTHORS Schork, N., and Skierczynski, B.
 TITLE Method of genetic cluster analysis and use thereof
 JOURNAL Patent: WO 0129257-A 127 26-APR-2001;
 GENSER (FR)
 LOCATION/Qualifiers

FEATURES
 source 1.20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 1.20
 /note="downstream amplification primer 10-102 for SEQ 1,
 in complement"
 9 a 2 c 8 g 1 t
 primer_bind

BASE COUNT 9 a 2 c 8 g 1 t
 Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCTGTGTTCTCTCCC 1099
 DB 17 CCTGTGTTCTCTCCC 2

RESULT 155
 AX135955/c 20 bp DNA linear PAT 29-MAY-2001
 LOCUS Sequence 7 from Patent WO0132693.
 DEFINITION AX135955
 ACCESSION AX135955
 VERSION AX135955.1 GI:14272162
 KEYWORDS
 SOURCE
 ORGANISM
 SYNTHETIC construct
 SYNTHETIC construct
 artificial sequences.

REFERENCE 1
 AUTHORS Prawitt, D., Pelletier, J., and Zabel, B.
 TITLE TTP-Protein-related mxi protein and dna sequence coding therefor
 JOURNAL Patent: WO 0132693-A 7 10-MAY-2001;
 Johannes Gutenberg-Universitaet Mainz (DE)
 LOCATION/Qualifiers

FEATURES
 source 1.20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Primer"
 3 a 5 c 6 g 6 t
 Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 723 CTTCAGGCTTCAGG 738
 DB 4 CTTCAGGCTTCAGG 19
 RESULT 156

AX598337/c
LOCUS AX598337 20 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 611 from Patent WO0244994.
ACCESSION AX598337
VERSION AX598337.1 GI:28398513
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Brower, A., Brow, M.A., Cracauer, R.F., Forst, L., Granske, R., de ardua Indig, M., Kurenberg, D., Luedtke, C., Lukowiak, A.A., Lyanchiev, V., Neri, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D.
TITLE
JOURNAL
THIRD WAVE TECHNOLOGIES, INC. (US)
Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 5 a 7 c 6 g 2 t
Query Match 1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 873 TGAGTCCCTCGCTGAG 888
DB 17 TGAGTCTCTCCCTGAG 2

RESULT 157
AX662813 20 bp DNA linear PAT 22-MAR-2003
LOCUS AX662813
DEFINITION Sequence 24 from Patent WO02061134.
ACCESSION AX662813
VERSION AX662813.1 GI:29163394
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Robinson, I.B. and Chang, B.D.
TITLE
JOURNAL
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)
Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer"

BASE COUNT 5 a 8 c 3 g 4 t
Query Match 1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1052 TTCAGACGTGACGAC 1067
DB 5 TTCAGAACTTGACGAC 20

RESULT 158
E11004/c 20 bp DNA linear PAT 29-SEP-1997
LOCUS E11004
DEFINITION Primer for detecting human cytochrome P4501A2 polymorphism (one member of a couple).
ACCESSION E11004
VERSION E11004.1 GI:22024645

KEYWORDS JP 1996070897-A/22.
SOURCE unidentified
ORGANISM unidentified
REFERENCE
AUTHORS
1 (bases 1 to 20)
TITLE
JOURNAL
DETECTION OF POLYMORPHISM OF HUMAN CYTOCHROME P4501A2 GENE
Patent: JP 1996070897-A 22 19-MAR-1996;
OTSUKA PHARMACEUT CO LTD
COMMENT
OS None
OC Artificial sequences.
PN JP 1996070897-A/22
PD 19-MAR-1996
PF 06-JUL-1995 JP 1995170693
PR 06-JUL-1994 JP 94P 154571
PI FUKUI TAKASHI, KATSURAGI SHYUKUTEN, KINOSHITA MORTOSHI, PI SHUN TEIKIN
PC C12Q1/68, C12N15/09;
CC strandedness: Single;
CC topology: linear;
FH Key
FT source
1. .20
Location/Qualifiers
/organism="Artificial sequences".
1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 9 a 2 c 8 g 1 t
Query Match 1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1084 CCCTGTTCTCTGCC 1099
DB 16 CCCTGTTCTCTGCC 1

RESULT 159
B50262/c 20 bp DNA linear PAT 31-JAN-2002
LOCUS B50262
DEFINITION Process for producing L-glutamic acid by fermentation.
ACCESSION B50262
VERSION B50262.1 GI:18629406
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
TITLE
JOURNAL
Process for producing L-glutamic acid by fermentation
Patent: JP 2000232890-A 10 29-AUG-2000;
AJIOMOTO CO INC
OS Artificial Sequence
PN JP 2000232890-A/10
PD 29-AUG-2000
PP 15-DEC-1999 JP 1999356035
PR
PI SOHEI KANNO, RICHIRO KIMURA, KAZUHIKO MATSUI, OSAMU KURAHASHI, PI KAZUNARI HORINO, WATARU NAKAMATSU
PC C12N15/09, C12N1/21, C12N9/02, C12P13/14, C12N15/09, C12R1/13), (C12N1/21, C12R1/13), (C12P13/14, C12R1/13), C12N15/00, (C12N15/00, C12R1/13)
CC
FH Key
FT source
1. .20
Location/Qualifiers
/organism="Artificial Sequence".
1. .20
Location/Qualifiers

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      7 a 7 c 4 g 2 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      796 GTTGACTTCGCGCATT 811
DB      16 GTTGACTTCGCGCATT 1

RESULT 160
LOCUS      129985
DEFINITION Sequence 17 from patent US 5578493.
ACCESSION  129985
VERSION    129985.1 GI:1820776
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Gilliam,T.Conrad, and Tanzi,R.B.
TITLE     Wilson's disease gene
JOURNAL   Patent: US 5578493-A 17 26-NOV-1996;
FEATURES   Location/Qualifiers
           1..20
           /organism="unknown"

BASE COUNT      6 a 4 c 7 g 3 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      420 CACCTTCAGTCCAG 435
DB      17 CACTTCAGTCCAG 2

RESULT 161
LOCUS      188640
DEFINITION Sequence 22 from patent US 5719026.
ACCESSION  188640
VERSION    188640.1 GI:3408560
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Fukui,T., Katsuragi,K., Kinoshita,M. and Shin,S. deceased.
TITLE     Method for detecting polymorphism of human cytochrome P450IA2 gene
JOURNAL   Patent: US 5719026-A 22 17-FEB-1998;
FEATURES   Location/Qualifiers
           1..20
           /organism="unknown"

BASE COUNT      9 a 2 c 8 g 1 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCCTGTTCTCTCC 1099
DB      16 CCCTGTTCTCTCC 1

RESULT 162
LOCUS      HUM624UVA
FEATURES   Location/Qualifiers
           20 bp DNA linear STS 29-MAY-2002

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DEFINITION A PCR primer for human chromosome 21 sfl I linking clone STS,
            location 21q22.1, sequence tagged site.
ACCESSION  D50181
VERSION    D50181.1 GI:801787
KEYWORDS   STS.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  Bukatyotai, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
AUTHORS   Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Ohki,M., Tashiro,K. and
            Sakaki,Y.
TITLE     Sixty new STSs (sequence-tagged sites) of human chromosome 21
JOURNAL   DNA Res. 1 (2), 85-89 (1994)
MEDLINE    96051984
PUBMED     7584032
REFERENCE  2 (bases 1 to 20)
AUTHORS   Sakaki,Y.
JOURNAL   Direct Submission
            Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical
            Science, University of Tokyo, Human Genome Center; 4-6-1
            Shirokanedai Minato-ku, Tokyo 108, Japan
            (E-mail:sakaki@qpc.ims.u-tokyo.ac.jp, Tel:03-5449-5362,
            Fax:03-5449-5445)
COMMENT    Submitted (28-Apr-1995) to DDBJ by:
            Yoshiyuki Sakaki
            Human Genome Center
            Institute of Medical Science
            University of Tokyo
            4-6-1 Shirokanedai Minato-ku
            Tokyo, 108
            Japan
            Phone: 03-5449-5362
            Fax : 03-5449-5445.

FEATURES     source
            1..20
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
            /chromosome="21"

BASE COUNT      4 a 5 c 5 g 6 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      798 TGACTTCGCGCATTCC 813
DB      5 TGAATTCGCGCATTCC 20

RESULT 163
LOCUS      A92487
DEFINITION Sequence 3 from Patent W09813693.
ACCESSION  A92487
VERSION    A92487.1 GI:6741194
KEYWORDS
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 19)
AUTHORS   Iweli,R.
TITLE     DIAGNOSTIC AGENT AND METHOD TO DETERMINE PREGNANCY IN RUMINANTS
JOURNAL   Patent: WO 9813693-A 3 02-APR-1998;
FEATURES   Location/Qualifiers
           1..19
           /organism="unidentified"
           /mol_type="genomic DNA"
           /db_xref="taxon:32644"

BASE COUNT      0 a 4 c 11 g 4 t

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Query Match 1.0%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 3.1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 320 CGCAGTGTGGGAGCGCG 338
 DB 1 CGCTGTGTGGGTGTGCGG 19
 |||||
 |||||

RESULT 164
 AX132155/c 19 bp DNA linear PAT 15-MAY-2001
 LOCUS Sequence 3373 from Patent WO0130362.
 DEFINITION AX132155
 ACCESSION AX132155
 VERSION AX132155.1 GI:14138460
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 Robbins, J.M. and Trletz, R.
 Ribozyme therapy for the treatment of proliferative skin and eye
 diseases
 TITLE Patent: WO 0130362-A 3373 03-MAY-2001;
 JOURNAL IMMUSOL, INC. (US)
 FEATURES location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cyclin B1 ribozyme binding site"

BASE COUNT 2 a 3 c 5 g 9 t

Query Match 1.0%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 3.1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 360 CAGGCACAAAGCAACATC 378
 DB 19 CAGTCACAAAGCAAGTC 1
 |||||
 |||||

RESULT 165
 AX548431/c 19 bp DNA linear PAT 26-NOV-2002
 LOCUS Sequence 355 from Patent WO0240716.
 DEFINITION AX548431
 ACCESSION AX548431
 VERSION AX548431.1 GI:25813465
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 Palm, K.
 Profiling tumor specific markers for the diagnosis and treatment of
 neoplastic disease
 TITLE Patent: WO 0240716-A 355 23-MAY-2002;
 JOURNAL Cemines, LLC (US)
 FEATURES location/Qualifiers
 source 1..19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Probe"

BASE COUNT 5 a 5 c 5 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 3.1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 754 AGCAGATCCACCTGTG 772
 |||||
 |||||

DB 19 AGCAGTTCCACATGTG 1

RESULT 166
 AX742614 19 bp DNA linear PAT 12-MAY-2003
 LOCUS Sequence 417 from Patent RP1302550.
 DEFINITION AX742614
 ACCESSION AX742614
 VERSION AX742614.1 GI:30576582
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,
 Lin, Y.J., Pan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kuo, Y.F.,
 Pan, C.L., and Chan, P.
 Method and detector for identifying subtypes of human papilloma
 viruses
 TITLE Patent: RP 1302550-A 417 16-APR-2003;
 JOURNAL King Car Food Industrial Co., Ltd. (TW)
 FEATURES location/Qualifiers
 source 1..19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Oligonucleotide for identifying HPV 67"

BASE COUNT 7 a 9 c 1 g 2 c

Query Match 1.0%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 3.1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 AACATCACCCTCACACACA 391
 DB 1 AACATCCCTCCACACACA 19
 |||||
 |||||

RESULT 167
 A71390/c 20 bp DNA linear PAT 07-MAY-1999
 LOCUS Sequence 1 from Patent WO9810094.
 DEFINITION A71390
 ACCESSION A71390
 VERSION A71390.1 GI:4775004
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1
 Serio, M., Orlando, C., Pazzagli, M., and Seestini, R.
 PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR
 APPLICATION IN COMPETITIVE-PCR TECHNIQUES
 TITLE Patent: WO 9810094-A 1 12-MAR-1998;
 JOURNAL SERIO MARIO (IT)
 FEATURES location/Qualifiers
 source 1..20
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 7 a 4 c 6 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 AGTTGACTTGTGCATTC 812
 DB 19 AGATTGCCCTCTGCATTC 1
 |||||
 |||||

RESULT 168
 AR036622/c

LOCUS AR036622 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 22 from patent US 5872242.
ACCESSION AR036622
VERSION AR036622.1 GI:5953290
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Cowseert,L.M. and Manoharan,M.
TITLE Antisense oligonucleotide inhibition of ras
JOURNAL Patent: US 5872242-A 22 16-FEB-1999;
FEATURES
source 1..20
/organism="unknown"
BASE COUNT 2 a 10 c 4 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 322 CAGGTGCGGAGCCGCGGC 340
DB 20 CAGGTGCGGAGAGAGGCC 2
RESULT 169
LOCUS AR072302 20 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 105 from patent US 5948611.
ACCESSION AR072302
VERSION AR072302.1 GI:9999066
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Prockop,D.J., Ala-Kokko,L., Williams,C.J., Rivananeni,P.,
Baldwin,C., Hopkinson,I. and Ahmad,N.Nina.
TITLE Primers and methods for detecting mutations in the procollagen II
gene (COL2A1) that indicate a genetic predisposition for a
JOURNAL COL2A1-associated disease
FEATURES Patent: US 5948611-A 105 07-SEP-1999;
source 1..20
/organism="unknown"
BASE COUNT 6 a 3 c 9 g 2 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 861 CTTGATGACTCTCGATGC 879
DB 20 CTTGATGCTCTCGAGGCC 2
RESULT 170
LOCUS AR079642 20 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 22 from patent US 5965722.
ACCESSION AR079642
VERSION AR079642.1 GI:10006383
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Becker,D.J., Cook,P.Dan., Monia,B.P., Pfeifer,S.M. and Sanghvi,Y.S.
TITLE Antisense inhibition of ras gene with chimeric and alternating
JOURNAL oligonucleotides
FEATURES Patent: US 5965722-A 22 12-OCT-1999;
source Location/Qualifiers

source 1..20
/organism="unknown"
BASE COUNT 2 a 10 c 4 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 322 CAGGTGCGGAGCCGCGGC 340
DB 20 CAGGTGCGGAGAGAGGCC 2
RESULT 171
LOCUS AR102405 20 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 30 from patent US 6083923.
ACCESSION AR102405
VERSION AR102405.1 GI:12813203
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Harder,G.B., Geary,R.S., Levin,A., Templin,M.V., Howard,R. and
TITLE Mehta,R.C.
TITLE Liposomal oligonucleotide compositions for modulating RAS gene
JOURNAL expression
FEATURES Patent: US 6083923-A 30 04-JUL-2000;
source 1..20
/organism="unknown"
BASE COUNT 2 a 10 c 4 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 322 CAGGTGCGGAGCCGCGGC 340
DB 20 CAGGTGCGGAGAGAGGCC 2
RESULT 172
LOCUS AR116543 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 124 from patent US 6133246.
ACCESSION AR116543
VERSION AR116543.1 GI:14096865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
JOURNAL modulation of JNK proteins
FEATURES Patent: US 6133246-A 124 17-OCT-2000;
source 1..20
/organism="unknown"
BASE COUNT 4 a 5 c 7 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 701 TCAAGCACTCCGACTCTGG 719
DB 19 TCACAGATCCGACTCTGG 1
RESULT 173

AR116551 20 bp DNA linear PAT 16-MAY-2001
 LOCUS AR116551
 DEFINITION Sequence 132 from patent US 6133246.
 ACCESSION AR116551
 VERSION AR116551.1 GI:14096873
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE McKay, R., Dean, N., Mont, B. P., Nero, P. S. and Garde, W. A.
 JOURNAL Antisense oligonucleotide compositions and methods for the
 modulation of JNK proteins
 PATENT: US 6133246-A 132 17-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 3 a 10 c 3 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1556 CATGAGCTCCGAGGCTC 1574
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 Db 2 CACGAGCTCCAGTGTCTC 20

RESULT 174
 AR130115 20 bp DNA linear PAT 16-MAY-2001
 LOCUS AR130115
 DEFINITION Sequence 18 from patent US 6187587.
 ACCESSION AR130115
 VERSION AR130115.1 GI:14118012
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Popoff, I., Brown, Driver, V. L. and Cowart, L. M.
 JOURNAL Antisense inhibition of e2f transcription factor 1 expression
 PATENT: US 6187587-A 18 13-FEB-2001;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 5 a 4 c 9 g 2 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 499 GCGGCGGTGATGAGAGA 517
 |||||
 Db 2 GCGGCGGAGATGAGAGA 20

RESULT 175
 AR136393 20 bp DNA linear PAT 16-JUN-2001
 LOCUS AR136393
 DEFINITION Sequence 196 from patent US 6136603.
 ACCESSION AR136393
 VERSION AR136393.1 GI:14477065
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Dean, N. M., Karras, J. G. and McKay, R.
 JOURNAL Antisense modulation of Interleukin-5 signal transduction
 PATENT: US 6136603-A 196 24-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"

BASE COUNT 7 a 7 c 2 g 4 t
 Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1312 TGGTTGACAGAGCGGG 1330
 |||||
 Db 20 TGGTTGACAGAAAGCTGG 2

RESULT 176
 AR136425 20 bp DNA linear PAT 16-JUN-2001
 LOCUS AR136425
 DEFINITION Sequence 20 from patent US 6136604.
 ACCESSION AR136425
 VERSION AR136425.1 GI:14477097
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Mont, B. P. and Wyatt, J.
 JOURNAL Antisense inhibition of methionine aminopeptidase 2 expression
 PATENT: US 6136604-A 20 24-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 0 a 6 c 0 g 14 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 261 TCTCTCGCTCTCTTT 279
 |||||
 Db 1 TCTCTCTCTCTCTTT 19

RESULT 177
 AR144303 20 bp DNA linear PAT 08-AUG-2001
 LOCUS AR144303
 DEFINITION Sequence 31 from patent US 6210892.
 ACCESSION AR144303
 VERSION AR144303.1 GI:15106170
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Bennett, C. Frank, Cooke, S. T., Manoharan, M., Wyatt, J. R., Baker, B. F.,
 Mont, B. P., Freiler, S. M., McKay, R. and Karras, J. G.
 JOURNAL Alteration of cellular behavior by antisense modulation of mRNA
 processing
 PATENT: US 6210892-A 31 03-APR-2001;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 7 a 7 c 2 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1312 TGGTTGACAGAGCGGG 1330
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 Db 20 TGGTTGACAGAAAGCTGG 2

RESULT 178
 AR201440 20 bp DNA linear PAT 20-APR-2002
 LOCUS AR201440
 DEFINITION Sequence 22 from patent US 6359124.

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ACCESSION   AR201440
VERSION     AR201440.1
KEYWORDS    GI:20252328
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Becker,D.J., Cook,P., Dan.,, Monté,B.P., Freier,S.M. and Sanghvi,Y.S.
TITLE      Antisense inhibition of ras gene with chimeric and alternating
           oligonucleotides
JOURNAL     Patent: US 6359124-A 22 19-MAR-2002;
           Location/Qualifiers
           source
           1..20
           /organism="unknown"

BASE COUNT      2 a      10 c      4 g      4 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 322 CAGGTGCGGAGAGCGCGGC 340
Db 20 CAGGTGCGGAGAGAGCGGC 2

RESULT 179
LOCUS       AR203108
DEFINITION  Sequence 27 from patent US 6365354.
ACCESSION   AR203108
VERSION     AR203108.1
KEYWORDS    GI:21499412
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Bennett,C.Frank. and Wyatt,J.
TITLE      Antisense modulation of lysophospholipase I expression
JOURNAL     Patent: US 6365354-A 27 02-APR-2002;
           Location/Qualifiers
           source
           1..20
           /organism="unknown"

BASE COUNT      4 a      7 c      4 g      5 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1022 AAGGCTTCTGCGCGGCT 1040
Db 2 AAGGCTTCTGCGGCATCGT 20

RESULT 180
LOCUS       AR203109
DEFINITION  Sequence 28 from patent US 6365354.
ACCESSION   AR203109
VERSION     AR203109.1
KEYWORDS    GI:21499413
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Bennett,C.Frank. and Wyatt,J.
TITLE      Antisense modulation of lysophospholipase I expression
JOURNAL     Patent: US 6365354-A 28 02-APR-2002;
           Location/Qualifiers
           source
           1..20
           /organism="unknown"

BASE COUNT      4 a      8 c      4 g      4 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;

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Best Local Similarity 84.2%; Pred. No.3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1020 CAAAGCTTCTGCGCGTC 1038
Db 2 CAAAGCTTCTGCCATCC 20

RESULT 181
LOCUS       AR208773
DEFINITION  Sequence 72 from patent US 6383808.
ACCESSION   AR208773
VERSION     AR208773.1
KEYWORDS    GI:21510015
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Monté,B.P. and Freier,S.M.
TITLE      Antisense inhibition of clusterin expression
JOURNAL     Patent: US 6383808-A 72 07-MAY-2002;
           Location/Qualifiers
           source
           1..20
           /organism="unknown"

BASE COUNT      9 a      7 c      2 g      2 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 366 CAAAGCAACATCACTTC 384
Db 2 CAAAGCAACATCCATC 20

RESULT 182
LOCUS       AR217884
DEFINITION  Sequence 2 from patent US 6417169.
ACCESSION   AR217884
VERSION     AR217884.1
KEYWORDS    GI:23318009
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE      Insulin-like growth factor II antisense oligonucleotide sequences
           and methods of using same to inhibit cell growth
JOURNAL     Patent: US 6417169-A 2 09-JUL-2002;
           Location/Qualifiers
           source
           1..20
           /organism="unknown"

BASE COUNT      2 a      4 c      12 g      2 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1311 CTGGTTGACAGAGCGGG 1329
Db 2 CTGGTGGGACAGCGCGG 20

RESULT 183
LOCUS       AR221444
DEFINITION  Sequence 83 from patent US 6426220.
ACCESSION   AR221444
VERSION     AR221444.1
KEYWORDS    GI:23328494
SOURCE      Unknown.

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ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Antisense modulation of calreticulin expression
JOURNAL Patent: US 6426220-A 83 30-JUL-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"

BASE COUNT 4 a 5 c 8 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1572 CTCTGCTCGAGGAGCA 1590
Db 1 CTCTGCTCGAGGAGCA 19

RESULT 184
LOCUS AR221468 20 bp DNA 1linear PAT 26-SEP-2002
DEFINITION Sequence 18 from patent US 6426221.
ACCESSION AR221468
VERSION AR221468.1 GI:23328518
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ward, D.T. and Cowbert, L.M.
TITLE Antisense modulation of RIP2 expression
JOURNAL Patent: US 6426221-A 18 30-JUL-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"

BASE COUNT 1 a 10 c 4 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1326 CGGGCGCATGAGGGGAG 1344
Db 20 CGGGCGCATGAGGGGAG 2

RESULT 185
LOCUS AR300657 20 bp DNA 1linear PAT 12-JUN-2003
DEFINITION Sequence 25 from patent US 6537811.
ACCESSION AR300657
VERSION AR300657.1 GI:31688206
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Preter, S.M.
TITLE Antisense inhibition of SAP-1 expression
JOURNAL Patent: US 6537811-A 25 25-MAR-2003;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"

BASE COUNT 4 a 4 c 5 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TCTGTGAAGTGCAGCTGA 1240
Db 1 TCTGTGAAGTGCAGCTGA 11

Db 2 TCTTGGAACTGCTGCTGA 20

RESULT 186
LOCUS AR307936 20 bp DNA 1linear PAT 12-JUN-2003
DEFINITION Sequence 147 from patent US 6551826.
ACCESSION AR307936
VERSION AR307936.1 GI:31698692
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.
TITLE Antisense modulation of raidd expression
JOURNAL Patent: US 6551826-A 147 22-APR-2003;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"

BASE COUNT 4 a 9 c 2 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 402 GTCTTCTCGAGTACCGC 420
Db 2 GTCTTCTCGAGTACCGC 20

RESULT 187
LOCUS AR307953 20 bp DNA 1linear PAT 12-JUN-2003
DEFINITION Sequence 164 from patent US 6551826.
ACCESSION AR307953
VERSION AR307953.1 GI:31698709
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.
TITLE Antisense modulation of raidd expression
JOURNAL Patent: US 6551826-A 164 22-APR-2003;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"

BASE COUNT 5 a 7 c 7 g 1 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1288 GAGCCTGTGCTGCTGCCG 1306
Db 19 GAGCCTGTGCTGCTGCTC 1

RESULT 188
LOCUS AX020034 20 bp DNA 1linear PAT 07-SEP-2000
DEFINITION Sequence 48 from Patent WO9937764.
ACCESSION AX020034
VERSION AX020034.1 GI:10043863
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Vengeler, M.P. and David, G.J.
TITLE New members of the glypican gene family

JOURNAL Patent: WO 9937764-A 48 29-JUL-1999;
 VERGELERS MARK PAUL DITTMAR (BR); VLAMS INTERUNIV INST BIOTECH
 (BR); DAVID GUIDO JOSEPH FRANS (BR)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 381 CTTCAACACACGACACC 399
 |||||
 19 CTTCAACACGACATGCC 1

RESULT 189
 LOCUS AX020073 20 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 87 from Patent WO9937764.
 ACCESSION AX020073
 VERSION AX020073.1 GI:10043903
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE
 AUTHORS 1
 TITLE Veugelers, M.P. and David, G.J.
 JOURNAL New members of the glypican gene family
 Patent: WO 9937764-A 87 29-JUL-1999;
 VERGELERS MARK PAUL DITTMAR (BR); VLAMS INTERUNIV INST BIOTECH
 (BR); DAVID GUIDO JOSEPH FRANS (BR)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 381 CTTCAACACACGACACC 399
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 19 CTTCAACACGACATGCC 1

RESULT 190
 LOCUS AX020673 20 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 173 from Patent WO9934016.
 ACCESSION AX020673
 VERSION AX020673.1 GI:10044370
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE
 AUTHORS 1
 TITLE Vidler, B.Z.
 JOURNAL A method for identifying and characterizing cells and tissues
 Patent: WO 9934016-A 173 08-JUL-1999;
 GENENA LTD (IL); VIDLER BEN ZION (IL)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 5 c 5 g 6 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 985 ACCCTGTTGCCACGGCT 1003
 |||||
 1 ACCCTGATGCGACGTCT 19

RESULT 191
 LOCUS AX061801 20 bp DNA linear PAT 24-JAN-2001
 DEFINITION Sequence 2 from Patent WO0078967.
 ACCESSION AX061801
 VERSION AX061801.1 GI:12539881
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS 1
 TITLE Plerard, J., Simon, J.L. and Chevallereau, P.
 JOURNAL Avirulent xanthomonas-campesstris strains producing xanthan
 Patent: WO 0078967-A 2 28-DEC-2000;
 RHODIA CHIMIE (FR)
 FEATURES
 SOURCE
 1. .20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="amorce"
 BASE COUNT 4 a 5 g 7 c 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 GATCCACTCTGTGCACAG 777
 |||||
 1 GTTCCACCTGTGTGCACAG 19

RESULT 192
 LOCUS AX180388 20 bp DNA linear PAT 06-AUG-2001
 DEFINITION Sequence 25 from Patent WO0146260.
 ACCESSION AX180388
 VERSION AX180388.1 GI:15132325
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS 1
 TITLE Starling, G.C. and Finger, J.
 JOURNAL Novel Immunoglobulin superfamily members apex-1, apex-2 and apex-3
 and uses thereof
 Patent: WO 0146260-A 25 28-JUN-2001;
 Bristol-Myers Squibb Co. (US)
 FEATURES
 SOURCE
 1. .20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="UNP22 PRIMER"
 BASE COUNT 5 a 3 c 6 g 6 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCCATGACCTGAGCTCA 541
 |||||

Db 20 CCATTACCTGAGGTTA 2

RESULT 193
AX293011/c
LOCUS AX293011
DEFINITION Sequence 4773 from Patent WO0179548.
ACCESSION AX293011
VERSION AX293011.1 GI:17054694
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Barany, F., Zilv, M., Gerry, N.P., Pavis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 4773 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 6 a 4 c 7 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 390 CAACGACACCGTGTCTTC 408
Db 20 CATCGACACCGTGTCTTC 2

RESULT 194
AX297126
LOCUS AX297126
DEFINITION Sequence 8888 from Patent WO0179548.
ACCESSION AX297126
VERSION AX297126.1 GI:17058817
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Barany, F., Zilv, M., Gerry, N.P., Pavis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Patent: WO 0179548-A 8888 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 4 a 9 c 4 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 998 ACGGATCATCTACCCACC 1016
Db 1 ACGGATCATCTACCCACC 19

RESULT 195
AX298809/c
LOCUS AX298809
DEFINITION Sequence 443 from Patent WO0183749. 20 bp. DNA linear PAT 26-NOV-2001

ACCESSION AX298809
VERSION AX298809.1 GI:17128799
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
JOURNAL Patent: WO 0183749-A 443 08-NOV-2001;
WERNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
FEATURES
source
1. .20
/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"

BASE COUNT 7 a 0 c 10 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 549 CTTGCATTCACACCCCTC 567
Db 20 CTTGCATTCACACCCCTC 2

RESULT 196
AX298836
LOCUS AX298836
DEFINITION Sequence 470 from Patent WO0183749. 20 bp. DNA linear PAT 26-NOV-2001
ACCESSION AX298836
VERSION AX298836.1 GI:17128826
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
JOURNAL Patent: WO 0183749-A 470 08-NOV-2001;
WERNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
FEATURES
source
1. .20
/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"

BASE COUNT 3 a 10 c 0 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 549 CTTGCATTCACACCCCTC 567
Db 1 CTTGCATTCACACCCCTC 19

RESULT 197
AX354307
LOCUS AX354307
DEFINITION Sequence 5 from Patent WO0194638. 20 bp. DNA linear PAT 06-FEB-2002
ACCESSION AX354307
VERSION AX354307.1 GI:18619166
KEYWORDS

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SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE    1
AUTHORS     Chen, C., Egholm, M. and Hafl, L.
TITLE       Asynchronous primed PCR
JOURNAL     Patent: WO 0194638-A 5 13-DEC-2001;
            Applera Corporation (US)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

BASE COUNT   0 a . 9 c 4 g 7 t

Query Match   1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1437 GCTGTCCTGTCATCTGC 1455
Db      1 GCTGTCCTGTCCTCTCTCC 19

RESULT 198
AX377013/c 20 bp DNA linear PAT 16-MAR-2002
LOCUS      AX377013
DEFINITION Sequence 8 from Patent WO0212890.
ACCESSION  AX377013
VERSION     AX377013.1 GI:19573307
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Lamb, J.R., Hoyme, G.F., Dallman, M.J. and Champion, B.R.
TITLE       Assay
JOURNAL     Patent: WO 0212890-A 8 14-FEB-2002;
            Lorantis Limited (GB)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

BASE COUNT   3 a 10 c 2 g 5 t

Query Match   1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1279 GGAAGATTGAGCGCTGG 1297
Db      20 GTGAAGAGTGGCCGGTGG 2

RESULT 199
AX411642/c 20 bp DNA linear PAT 14-JUN-2002
LOCUS      AX411642
DEFINITION Sequence 12 from Patent WO0226941.
ACCESSION  AX411642
VERSION     AX411642.1 GI:21444185
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     van der Kooy, D. and Tropepe, V.
TITLE       Primitive neural stem cells and method for differentiation of stem
            cells to neural cells
JOURNAL     Patent: WO 0226941-A 12 04-APR-2002;
            van der Kooy, Derek (CA) ; Tropepe, Vincent (US)
FEATURES     location/Qualifiers
            1..20
            source

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="antisense"

BASE COUNT   4 a 6 c 6 g 4 t

Query Match   1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      481 AACATCTGCTCTGGTG 499
Db      20 AACACCTGCTCTGCTG 2

RESULT 200
AX487197 20 bp DNA linear PAT 16-AUG-2002
LOCUS      AX487197
DEFINITION Sequence 4497 from Patent WO02053728.
ACCESSION  AX487197
VERSION     AX487197.1 GI:22321345
KEYWORDS
SOURCE      Candida albicans
            Candida albicans
            Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
            Saccharomycetales; mitosporic Saccharomycetales; Candida.
REFERENCE    1
AUTHORS     Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.
TITLE       Gene disruption methodologies for drug target discovery
JOURNAL     Patent: WO 02053728-A 4497 11-JUN-2002;
            Elitza Pharmaceuticals, Inc. (US)
FEATURES     location/Qualifiers
            1..20
            /organism="Candida albicans"
            /mol_type="genomic DNA"
            /db_xref="taxon:5476"

BASE COUNT   6 a 8 c 4 g 2 t

Query Match   1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      998 ACGGTCATCTACCCACC 1016
Db      1 AAGGTCACGACACCACC 19

RESULT 201
AX553860/c 20 bp DNA linear PAT 27-NOV-2002
LOCUS      AX553860
DEFINITION Sequence 194 from Patent WO02075507.
ACCESSION  AX553860
VERSION     AX553860.1 GI:25897858
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Lowery, D.B., Fuller, T.B. and Kennedy, M.J.
TITLE       Anti-bacterial vaccine compositions
JOURNAL     Patent: WO 02075507-A 194 26-SEP-2002;
            Pharmacia & Upjohn Company (US)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /notes="PRIMER"

BASE COUNT   2 a 8 c 4 g 6 t

Query Match   1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 308 AGGCGGAGAGCGCGAGGT 326
 DB 19 AGGACAGAGTCCCGAGGT 1

RESULT 202
 AXS87353/c
 LOCUS AXS87353 20 bp DNA linear PAT 10-JAN-2003
 DEFINITION Sequence 129 from Patent WO0236761.
 ACCESSION AXS87353
 VERSION AXS87353.1 GI:27656218
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS D'Andrea,A.D., Taniuchi,T., Timmers,C. and Grome,M.
 TITLE Methods and compositions for the diagnosis of cancer susceptibility and defective dna repair mechanisms and treatment thereof
 JOURNAL Patent: WO 0236761-A 129 10-MAY-2002;
 DANA FARBER CANCER INSTITUTE (US)
 FEATURES
 source Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="MG790"

BASE COUNT 4 a 8 c 3 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1313 GGTTCGAGAGCGCGGC 1331
 DB 20 GGTTCGAGAGCGCGGC 2

RESULT 203
 BD006255/c
 LOCUS BD006255 20 bp DNA linear PAT 31-JAN-2002
 DEFINITION Antisense inhibition of ras gene with chimeric and alternating oligonucleotides.
 ACCESSION BD006255
 VERSION BD006255.1 GI:16634626
 KEYWORDS JP 2001500530-A/22.
 SOURCE JP 2001500530-A/22.
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Becker,D.J., Cook,P.D., Monia,B.P., Freier,S.M. and Sang,Y.S.
 TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides
 JOURNAL Patent: JP 2001500530-A 22 16-JAN-2001;
 ISIS PHARMACEUTICALS INC
 COMMENT
 OS Artificial Sequence
 PN JP 2001500530-A/22
 PD 16-JAN-2001
 PR 30-APR-1998 JP 1998547418
 PT 30-APR-1997 US 08/848840
 PI DAVID J BECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI YOGESH S SANGHVI
 PC C12Q1/68, C12P19/34, C07H19/16, C07H19/167, C07H19/173, C07H19/067,
 PC C07H19/06,
 PC C07H19/09, C07H21/04, A61K48/00
 CC
 FH Key
 FT source Location/Qualifiers
 1..20
 /organism="Artificial Sequence".
 1..20
 Location/Qualifiers
 source

BASE COUNT 2 a 10 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 322 CAGTCGCGGAGCGCGGC 340
 DB 20 CAGTCGCGGAGAGAGGCC 2

RESULT 204
 BD073149/c
 LOCUS BD073149 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION Antisense oligonucleotide inhibition of RAS.
 ACCESSION BD073149
 VERSION BD073149.1 GI:22618752
 KEYWORDS JP 2001509394-A/22.
 SOURCE JP 2001509394-A/22.
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Monia,B.P., Cowcert,L.M. and Manoharan,M.
 TITLE Antisense oligonucleotide inhibition of RAS
 JOURNAL Patent: JP 2001509394-A 22 24-JUL-2001;
 ISIS PHARMACEUTICALS INC
 COMMENT
 OS Unidentified
 PN JP 2001509394-A/22
 PD 24-JUL-2001
 PR 06-JUL-1998 JP 2000502223
 PR 08-JUL-1997 US 08/889296
 PI BRETT P MONIA, LEX M COWCERT, MUSTA MANOHARAN
 PC C12N15/09, A61K31/7088, A61K48/00, A61P35/00, C12N15/00 CC
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense oligonucleotide inhibition of RAS
 FH Key
 FT source Location/Qualifiers
 1..20
 /organism="Unidentified".
 Location/Qualifiers
 source

BASE COUNT 2 a 10 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 322 CAGTCGCGGAGCGCGGC 340
 DB 20 CAGTCGCGGAGAGAGGCC 2

RESULT 205
 BD074700/c
 LOCUS BD074700 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.
 ACCESSION BD074700
 VERSION BD074700.1 GI:22620303
 KEYWORDS JP 2001514905-A/124.
 SOURCE JP 2001514905-A/124.
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS McKay,R., Dean,N., Monia,B.P., Scott,P., Nero and Garde,M.A.
 TITLE Antisense oligonucleotide composition and modulation method of JNK protein

JOURNAL Patent: JP 2001514905-A 124 18-SEP-2001, 1515 PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
nu TO 20010908 1704

PM	UP	2001S18905-A/L24
PD	18-SEP-2001	
PF	07-AUG-1998	JP 2000509675
PR	13-AUG-1997	US 08/910629
PI	ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI	
NERO,	WILLIAM A GAARDE	
PC	C1201/68,A6IKJ1/7088,A6IK48/00,A6IP35/00,C12NI5/09,C12P19/34,	
PC	C12NI5/00	
CC	antisense sequence	
FH	Key	Location/Qualifiers
FT	source	1..20
PT	location=Genl	/organism='Artificial Sequence'.

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FEATURES
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            /organism="Synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:33630"
    BASE COUNT
        4 a 5 c 7 g 4 t

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BASE COUNT	4	a	5	c	7	g	4	t
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Best Local Similarity			84.2%		Pred. No. 3.5e+02;			
Matches 16;			Conservative	0;	Mismatches	3;	Indels	0;
							Gaps	0;

Query Match	1.0%;	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 3.5e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
Qy	701	TCACAACTCCGACTCTGG	719	
Db	19	TCACAACTCCGACTCTGG	1	

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Qy      701 TCACCACTCCGACTCTGG 719
          ||| |||||
Db      19  TCCACAGATCCGACTCTGG 1

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Db 19 TCCACAGATCCGACTCTGG 1

RESULT	206
BD074708	
LOCUS	20 bp DNA linear
DEFINITION	Antisense oligonucleotide composition and modulation method of JNK protein.
	PAT 27-AUG-2002

ACCESSION	BD074708
VERSION	BD074708.1
KEYWORDS	GI:226203111
SOURCE	JF 2001514905-A/132.
ORGANISM	synthetic construct
	synthetic construct
	artificial sequences.

JOURNAL: J. Biol. Chem. 276:11495-11505 (2001)
 REFERENCE: 1 (bases 1 to 20)
 AUTHORS: McKay, R., Dean, N., Monia, B. P., Scott, P. P., Nero and Gaarde, W. A.
 TITLE: Antisense oligonucleotide composition and modulation method of JNK1 protein
 Patent: JP 200151905-A 132 18-SEP-2001;

COMMENT OS Artificial Sequences

PN	JP 2001514905-A/132	
PD	18-SEP-2001	
PF	07-AUG-1998 JP 2000509875	
PR	13-AUG-1997 US 08/910629	
PI	ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA NERO, WILLIAM A GAARDE	
PC	C1201/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/00	
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			Indels	0;
			Gaps	0

1556 CATCAGCTCCCAAGGCTC 1574

Db 2 CACCAGCTCCCATGTGCTC 20

RESULT	LOCUS	DEFINITION	ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM
207	BD128254	BD128254 Primer for synthesizing full-length cDNA and use thereof.	BD128254	BD128254.1 GI:33223199	CP 2002017375-A/3685. unidentified	unidentified	

REFERENCE	1 (bases 1 to 20)
AUTHORS	Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Iehii, S., Kawai, Y., Wakamatsu, A., Sugiyama, T., Negai, K., Kojima, S., Otsuki, T. and Koga, H.
TITLE	Primer for synthesizing full-length cDNA and use thereof
JOURNAL	Patent: JP 2002017375-A 3685 22-JAN-2002;
COMMENT	HELIX RESEARCH INSTITUTE OS Unidentified

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FEATURES
source
    EN JP 2002017375-A/3685
    PD 22-JAN-2002
    PF 07-JUL-2000 JP 2000253172
    PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGA, KOJI HAYASHI, SHIZUKO ISHII.
    PI YURI KAWAI, AI MAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI SHINICHI KOTAJA,
    PI TETSUO IOTSUKI, HISASHI KOGA
    PC
    C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/
    10,
    PC C12P21/02, C12Q1/68//C12P21/08, G06F17/30, C12N15/00, C12N5/00 CC
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    CC key
    FT source
    FT location/Qualifiers
    location/Qualifiers
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Db      1 GGTGTAGAGTAAATGCG 19
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Db 1 GGTGTAGAGTAAATGGG 19

RESTJLT 208	20 bp	DNA	linear	PAT 17-JAN-2003
BD167361/C	BD167361	Method of modification of biodegradable polyester synthase.		
LOCUS	BD167361			
DEFINITION	Method of modification of biodegradable polyester synthase.			
ACCESSION	BD167361			
VERSION	BD167361.1	GI:27873173		
KEYWORDS	JP 2002199890-A/36.			
SOURCE	unidentified			
ORGANISM	unidentified			
	unclassified.			

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

1 (bases 1 to 20)
Doi, Y. and Taguchi, S.
Method of modification of biodegradable polyester synthase
Patent: JP 2002199890-A 36 16-UTL-2002,
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
FN JP 2002199890-A/36

PD 16-JUL-2002
 PF 28-FEB-2001 JP 2001054717
 PI YOSHIMARU DOI, SEIICHI TAGUCHI
 PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/00, C12N9/04, C12N9/10,
 PC C12N9/88, C12P7/62, C12N15/00, C12N5/00
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 /db_xref='taxon:32644'

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 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 303 CCTGAGGCGGAGAGCCG 321
 DB 20 CCTGAGGCGGAGAGCCG 2

RESULT 209
 BD171790 20 bp DNA linear PAT 18-FEB-2003
 LOCUS Method for detecting microorganisms, and primer set for detecting
 DEFINITION microorganisms.
 ACCESSION BD171790
 VERSION BD171790.1 GI:28413084
 KEYWORDS JP 2002223766-A/48.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Ezaki, T.
 TITLE Method for detecting microorganisms, and primer set for detecting
 JOURNAL microorganisms
 PATENT: JP 2002223766-A 48 13-AUG-2002;
 RAKAN CO LTD, TAKAYUKI EZAKI, KATSUMI ENDO
 OS Artificial Sequence
 PN JP 2002223766-A/48
 PD 13-AUG-2002
 PF 31-JAN-2001 JP 2001023742
 PI TAKAYUKI EZAKI

COMMENT
 JOURNAL microorganisms
 PATENT: JP 2002223766-A 48 13-AUG-2002;
 RAKAN CO LTD, TAKAYUKI EZAKI, KATSUMI ENDO
 OS Artificial Sequence
 PN JP 2002223766-A/48
 PD 13-AUG-2002
 PF 31-JAN-2001 JP 2001023742
 PI TAKAYUKI EZAKI

FEATURES
 AUTHORS Ezaki, T.
 TITLE Method for detecting microorganisms, and primer set for detecting
 JOURNAL microorganisms
 PATENT: JP 2002223766-A 48 13-AUG-2002;
 RAKAN CO LTD, TAKAYUKI EZAKI, KATSUMI ENDO
 OS Artificial Sequence
 PN JP 2002223766-A/48
 PD 13-AUG-2002
 PF 31-JAN-2001 JP 2001023742
 PI TAKAYUKI EZAKI

BASE COUNT 5 a 8 c 3 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1390 ATGCATATGCCAGTACG 1408
 DB 1 ATGCCTATCCGACGACG 19

RESULT 210
 BD178851 20 bp DNA linear PAT 16-APR-2003
 LOCUS Gene panel for genes involving liver regeneration.
 DEFINITION BD178851
 ACCESSION BD178851
 VERSION BD178851.1 GI:30016118
 KEYWORDS WO 02077222-A/189.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Yokoyama, F., Okutani, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H.,
 Aburatani, H. and Sonaka, I.
 TITLE Gene panel for genes involving liver regeneration
 JOURNAL Patent: WO 02077222-A 189 03-OCT-2002;
 AJIOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA
 OS Artificial Sequence
 PN WO 02077222-A/189
 PD 03-OCT-2002
 PF 13-MAR-2002 WO 2002JP002372
 PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI PI
 TAKAHARA, HISAO FUKUDA,
 PI HIROYUKI ABURATANI, ICHIRO SONAKA
 PC C12N15/09, C12O1/68, G01N33/15, G01N37/00 CC
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BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
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 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 223 TCCTTCACATGTGGAGG 241
 DB 2 TCCTTCACATGTGGAGG 20

RESULT 211
 E13817 20 bp DNA linear PAT 27-APR-1998
 LOCUS PCR primer for gaining mutated Bacillus alpha-glucosidase gene.
 DEFINITION E13817
 ACCESSION E13817
 VERSION E13817.1 GI:3252585
 KEYWORDS JP 1997234081-A/2.
 SOURCE unclassified
 ORGANISM unclassified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Ochiai, M., Nakayama, T. and Shibano, Y.
 TITLE NEW ALPHA-GLUCOSIDASE
 JOURNAL Patent: JP 1997234081-A 2 09-SEP-1997;
 SUNTORY LTD
 OS None
 OC Artificial sequences.
 PN JP 1997234081-A/2
 PD 09-SEP-1997
 PF 04-MAR-1996 JP 1996084388
 PI OCHIAI MISA, NAKAYAMA TORU, SHIBANO YUJI

PC C12N15/09,C07H21/04,C12N1/21,C12N9/26,(C12N1/21,C12R1:19), PC
(C12N9/26,
PC C12R1:19);
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CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
1..20
/organism="Artificial sequences".
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/db_xref="taxon:32644"
BASE COUNT 4 a 8 c 5 g 3 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 756 CAGATCCACCTCGTGAC 774
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Db 1 CAGATCCACCTCGTGAC 19
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RESULT 212
E32534/c E32534 20 bp DNA 11linear PAT 18-JUN-2001
LOCUS Scavenger receptor-like protein.
E32534
ACCESSION E32534.1 GI:13026781
VERSION JP 1999123094-A/34.
KEYWORDS JP 1999123094-A/34.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE Yunque,N. and Ryuji,T.
AUTHORS Scavenger receptor-like protein
TITLE Patent:JP 1999123094-A 34 11-MAY-1999;
JOURNAL JAPAN TOBACCO INC
OS Artificial Sequence
PN JP 1999123094-A/34
PD 11-MAY-1999
PR 30-JUL-1998 JP 1998230121
PI YUSUKE NAKAMURA,RYUJI TOKINO
PC C12N15/09,C07K14/705,C07K16/28,C12N1/19,C12N5/10,C12P21/02, PC
C12P21/08//
PC (C12N1/19,C12R1:645),(C12N5/10,C12R1:91),(C12P21/02,C12R1:645), PC
FH Key Location/Qualifiers
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Location/Qualifiers
1..20
/organism="Artificial Sequence".
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Location/Qualifiers
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/db_xref="taxon:32630"
BASE COUNT 8 a 3 c 6 g 3 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1061 TCAGCACCCTGCGATTGAC 1079
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Db 19 TCAGCACCCTGCGATTGAC 1
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RESULT 213

126413/c 126413 20 bp DNA 11linear PAT 07-OCT-1996
LOCUS Sequence 105 from patent US 5558988.
126413
ACCESSION 126413
VERSION 126413.1 GI:1606283
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Prokop,D.J., Ala-Kotko,L. and Rytvanemi,P.
TITLE Primers and methods for detecting mutations in the procollagen II
gene that indicate a genetic predisposition for osteoarthritis
JOURNAL Patent: US 5558988-A 105 24-SEP-1996;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
BASE COUNT 6 a 3 c 9 g 2 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 861 CTTGATGACTCGGATGC 879
|||||
Db 20 CTTGATGACTCGGATGC 2
|||||
RESULT 214
186612 20 bp DNA 11linear PAT 10-JUN-1998
LOCUS Sequence 3 from patent US 5702890.
186612
ACCESSION 186612
VERSION 186612.1 GI:3206330
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Housman,D.E.
TITLE Inhibitors of alternative alleles of genes as a basis for cancer
therapeutic agents
JOURNAL Patent: US 5702890-A 3 30-DEC-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
BASE COUNT 1 a 8 c 6 g 5 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1294 GTGTCCTGCGCTGCTCT 1312
|||||
Db 1 GAGGCTCTCCGCTGCTCT 19
|||||

RESULT 215
DOGALB 20 bp DNA 11linear SRS 09-APR-1996
LOCUS Canis familiaris Albumin (ALB) SRS DNA, 3' primer, sequence tagged
DEFINITION site.
L77375
ACCESSION L77375.1 GI:1256665
VERSION SRS; Albumin; PCR identification; PCR primer; sequence tagged site;
KEYWORDS universal mammalian SRS.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE Venta,P.J., Brouillette,J.A., Yuzbaslyan-Gurkan,V. and Brewer,G.J.
AUTHORS Gene-specific universal mammalian sequence-tagged sites:
TITLE

Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 417 CCGCACCTTCAGT 430
Db 1 CCGCACCTTCAGT 14

RESULT 220
LOCUS AX579547/c 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1385 from Patent WO0211674.
ACCESSION AX579547
VERSION AX579547.1 GI:27648749
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1385 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

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SOURCE Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
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BASE COUNT 2 a 2 c 5 g 8 t

Query Match 1.0%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 744 CCAGAACATCAGCA 757
Db 15 CCAGAACATCAGCA 2

RESULT 221
LOCUS AX579826/c 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1664 from Patent WO0211674.
ACCESSION AX579826
VERSION AX579826.1 GI:27649028
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1664 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
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/mol_type="mRNA"
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BASE COUNT 4 a 2 c 5 g 6 t

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Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 744 CCAGAACATCAGCA 757
Db 17 CCAGAACATCAGCA 4

RESULT 222
LOCUS BD086289 17 bp DNA linear PAT 27-AUG-2002
DEFINITION G protein-coupled receptor and utilization thereof.
ACCESSION BD086289
VERSION BD086289.1 GI:22631899
KEYWORDS JP 2001525174-A/5.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Goodheart, A.D., Glucksmann, A.M., Xie, M. and Distefano, P.
TITLE G protein-coupled receptor and utilization thereof
JOURNAL Patent: JP 2001525174-A 5 11-DEC-2001;
MILLENNIUM PHARMACEUTICALS INC

COMMENT

OS Unidentified
PN JP 2001525174-A/5
PD 11-DEC-2001
PF 04-DEC-1998 JP 2000523346
PR 04-DEC-1997 US 08/985090, 17-MAR-1998 US 09/042780 PI
ANDREW D J GOODHEART, ALEXANDRA M GLUCKSMANN, MICHAEL XIE, PETER PI
DISTEFANO
PC C12N25/09, C07K14/705, C07K16/28, C12N5/10, C12P21/02, C12Q1/68//
PC (C12P21/02, C12R1:91), C12N15/00, C12N5/00
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CC Topology: linear;
CC G protein-coupled receptor and utilization thereof FH Key
FT source
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/db_xref="taxon:32644"

FEATURES
SOURCE

BASE COUNT 2 a 5 c 8 g 2 t

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1325 GCGGGCCATGAG 1338
Db 4 GCGGGCCATGAG 17

RESULT 223
LOCUS AR098762/c 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 17 from patent US 6077672.
ACCESSION AR098762
VERSION AR098762.1 GI:12808528
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Mont, B.P. and Cowart, L.M.
TITLE Antisense modulation of TRAPD expression
JOURNAL Patent: US 6077672-A 17 20-JUN-2000;
FEATURES
SOURCE Location/Qualifiers
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BASE COUNT 4 a 7 c 5 g 2 t

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Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 874 GAGCTCGTGGCA 887
 DB 15 GAGCTCGTGGCA 2

RESULT 224
 BD088792 18 bp DNA linear PAT 27-AUG-2002
 LOCUS A method of arraying genome clone.
 DEFINITION BD088792.1 GI:22634402
 ACCESSION BD088792.1
 VERSION JP 2001321190-A/1036.
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Soeda, E.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1036 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
 OS Artificial Sequence
 PN JP 2001321190-A/1036
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIIICHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence: Synthetic DNA FH Key
 LOCATION/Qualifiers
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BASE COUNT 2 a 5 c 7 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 18;
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 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 TGAGCTGTGGTCC 1300
 DB 2 TGAGCTGTGGTCC 15

RESULT 225
 AB068357 18 bp DNA linear SYN 21-MAY-2003
 LOCUS Synthetic construct DNA, reverse primer for human STS sts-R24401R
 DEFINITION at 1p36.
 ACCESSION AB068357
 VERSION AB068357.1 GI:15129161
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
 Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
 Morohashi, A., Ohira, M., Nakagawara, A., Ito, S., Hoshii, M., Horii, A.
 and Soeda, E.
 TITLE A BAC-based STS-content map spanning a 35-Mb region of human
 JOURNAL chromosome 1p35-p36
 MEDLINE Genomics 74 (1), 55-70 (2001)
 PUBMED 21269192
 REFERENCE 11374902
 AUTHORS 2 (bases 1 to 18)
 Horii, A.

TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
 Medicine Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
 Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
 Tel:81-22-717-8042, Fax:81-22-717-8047)

FEATURES
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 /mol_type='genomic DNA'
 /db_xref='taxon:32630'

misc_feature 1. .18
 /note='reverse primer for human STS sts-R24401R at 1p36
 sts-R24401R obtained from clones B24401, B364C12,
 B30119, B220M17, B21815, B181A23, B319H13, Human BAC
 library RPCI-11'

BASE COUNT 2 a 5 c 7 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 TGAGCTGTGGTCC 1300
 DB 2 TGAGCTGTGGTCC 15

RESULT 226
 AR067198 19 bp DNA linear PAT 29-SEP-1999
 LOCUS Sequence 546 from patent US 5851760.
 DEFINITION AR067198
 ACCESSION AR067198
 VERSION AR067198.1 GI:5998420
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Evans, G.A. and Smith, M.W.
 TITLE Method for generation of sequence sampled maps of complex genomes
 JOURNAL Patent: US 5851760-A 546 22-DEC-1998;
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 /organism='unknown'

BASE COUNT 4 a 7 c 4 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 884 TGAGTTCTACAGC 897
 DB 18 TGAGTTCTACAGC 5

RESULT 227
 AR141609 19 bp DNA linear PAT 08-AUG-2001
 LOCUS Sequence 7 from patent US 6146868.
 DEFINITION AR141609
 ACCESSION AR141609
 VERSION AR141609.1 GI:15101125
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kozel, T.R., Bloomer, S.L. and Savoy, A.C.
 TITLE Glucuronoylomanan (GXM)-O-acetylhydrolase of cryptococcus
 neoformans and uses thereof
 JOURNAL Patent: US 6146868-A 7 14-NOV-2000;
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 /organism='unknown'

BASE COUNT 1 a 6 c 8 g 2 t 2 others

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1120 GACCCGGTTCTGGCAG 1135
|||
1 GACCCGGTTCTGGCAG 16

Db

RESULT 228
AX118043/c
LOCUS AX118043 19 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 3166 from Patent WO0129262.
ACCESSION AX118043
VERSION AX118043.1 GI:14034994
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Picoult-Newburg, L. and Pohl, M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 3166 26-APR-2001;
Orchid Biosciences, Inc. (US)
FEATURES
SOURCE Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 3 a 5 c 6 g 5 t

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1520 AGGAGGCATTCAG 1533
|||
15 AGGAGGCATTCAG 2

Db

RESULT 229
ARI29715/c
LOCUS ARI29715 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 119 from patent US 6187545.
ACCESSION ARI29715
VERSION ARI29715.1 GI:14117612
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay, R., Butler, M.M., Wytch, J. and Cowse, L.M.
TITLE Antisense modulation of peptid-cyclosoic expression
JOURNAL Patent: US 6187545-A 119 13-FEB-2001;
FEATURES
SOURCE Location/Qualifiers
1..20
/organism="unknown"
BASE COUNT 5 a 6 c 5 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1377 GATGCCCAAGTGA 1390
|||
20 GATGCCCAAGTGA 7

Db

RESULT 230
ARI93161
LOCUS ARI93161 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 46 from patent US 6346416.
ACCESSION ARI93161
VERSION ARI93161.1 GI:20239126
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean, N.M. and Cowse, L.M.
TITLE Antisense inhibition of HPK/GCK-like kinase expression
JOURNAL Patent: US 6346416-A 46 12-FEB-2002;
FEATURES
SOURCE Location/Qualifiers
1..20
/organism="unknown"
BASE COUNT 3 a 2 c 5 g 10 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 ATTATTTTGGAGT 1494
|||
7 ATTATTTTGGAGT 20

Db

RESULT 231
AX597497/c
LOCUS AX597497 20 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 15 from Patent WO02090545.
ACCESSION AX597497
VERSION AX597497.1 GI:28397754
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Magre, J., Capeau, J., Lathrop, M. and Delpech, M.
TITLE Nucleic acid coding for the cgl1 polypeptide and diagnostic and therapeutic application of said nucleic acid and of the cgl1 polypeptide
JOURNAL Patent: WO 02090545-A 15 14-NOV-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR); Centre National de Genotypage (FR)
FEATURES
SOURCE Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="amorce"

BASE COUNT 6 a 5 c 5 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TGGAACTTCTGGGC 847
|||
20 TGGAACTTCTGGGC 7

Db

RESULT 232
A34246/c
LOCUS A34246 17 bp DNA linear PAT 03-JUL-2002
DEFINITION Synthetic sequencing primer.
ACCESSION A34246
VERSION A34246.1 GI:21694198
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 17)
AUTHORS Odink, K.G., Tarasay, L., Brueggemann, J., Wiesendanger, W., Cerletti, N., Sorg, C., Demolf-Peters, C. and Delabie, J.

```

TITLE      Novel cytokines
JOURNAL    Patent: EP 0412050-A 6 06-FEB-1991;
FEATURES   CIBR-GEIGY AG
SOURCE     Location/Qualifiers
           1. .17
           /organism="synthetic construct"
           /mol_type="genomic DNA"
           /db_xref="taxon:32630"

BASE COUNT      5 a      8 c      0 g      4 t

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      937 TCAGGCGCTTTGAAGG 953
Db      17 TGAGGAGATTGTAAGG 1

RESULT 233
LOCUS      A46775      17 bp      DNA      linear      PAT 07-MAR-1997
DEFINITION Sequence 12 from Patent EP0677585.
ACCESSION  A46775
VERSION     A46775.1 GI:2300870
KEYWORDS
SOURCE      unidentified
            unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Grifantini, R., Frascotti, G., Galli, G. and Grandi, G.
TITLE       Process for the production of D-alpha-amino acids
JOURNAL     ENTRICERCH SPA (IT)
            Other publication JP 8051992 960227.
COMMENT      Location/Qualifiers
FEATURES     source
            1. .17
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

BASE COUNT      3 a      2 c      6 g      6 t

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      743 TCCAGACATCAGCAGG 759
Db      17 TCCATTAACATCAGCAGG 1

RESULT 234
LOCUS      AR096482/c      17 bp      DNA      linear      PAT 08-SEP-2000
DEFINITION Sequence 11 from patent US 6008014.
ACCESSION  AR096482
VERSION     AR096482.1 GI:10025324
KEYWORDS
SOURCE      Unknown.
            Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Glimeno, C.J. and Acton, S.
TITLE       Method of making lipid metabolic pathway compositions
JOURNAL     Patent: US 6008014-A 11 28-DEC-1999;
            Location/Qualifiers
FEATURES     source
            1. .17
            /organism="unknown"

BASE COUNT      5 a      5 c      7 g      0 t

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1431 CCTGCTGCTGCTGCTG 1447
Db      17 CCGCTGCTGCTGCTG 1

RESULT 235
LOCUS      AR243455/c      17 bp      DNA      linear      PAT 20-DEC-2002
DEFINITION Sequence 248 from patent US 6475789.
ACCESSION  AR243455
VERSION     AR243455.1 GI:27290666
KEYWORDS
SOURCE      Unknown.
            Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Cech, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B.,
            Harley, C.B. and Andrews, W.H.
TITLE       Human telomerase catalytic subunit: diagnostic and therapeutic
            methods
JOURNAL     Patent: US 6475789-A 248 05-NOV-2002;
            Location/Qualifiers
FEATURES     source
            1. .17
            /organism="unknown"

BASE COUNT      4 a      5 c      7 g      1 t

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1420 CTGGGCTGGCTGCTGCT 1436
Db      17 CAGCGCTGCTGCTGCT 1

RESULT 236
LOCUS      AX215977/c      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION Sequence 1419 from Patent WO0159103.
ACCESSION  AX215977
VERSION     AX215977.1 GI:15526020
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE       Method and reagent for the modulation and diagnosis of cd20 and
            nogo gene expression
JOURNAL     Patent: WO 0159103-A 1419 16-AUG-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
            McSwiggen, James (US) ; Chowrira, Bharat M. (US)
            Location/Qualifiers
FEATURES     source
            1. .17
            /organism="synthetic construct"
            /mol_type="mRNA"
            /db_xref="taxon:32630"
            /note="Nucleic Acid"

BASE COUNT      0 a      8 c      3 g      6 t

Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1320 AGAGAGCGGCGCCATCG 1336
Db      17 AGAGAGCAGCGCCCAAG 1

RESULT 237
LOCUS      AX215978/c      17 bp      mRNA      linear      PAT 07-SEP-2001

```

DEFINITION Sequence 1420 from Patent WO0159103.
ACCESSION AX215978
VERSION AX215978.1 GI:15526021
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blact, L., Mcswigen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 1420 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blact, Lawrence (US) ;
Mcswigen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 0 a 7 c 4 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1319 CAGAGAGCGGCGCCATG 1335
DB 17 CAGAGAGCGGCGCCATG 1

RESULT 238
LOCUS AX226869 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 241 from Patent WO0157206.
ACCESSION AX226869
VERSION AX226869.1 GI:15556010
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Patcaey, A.R., Jarvis, T., Mcswigen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 241 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Patcaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
BASE COUNT 1 a 4 c 5 g 7 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTGACTTCGGCATTT 811
DB 1 GGTGACTTCGGCATTT 17

RESULT 239
LOCUS AX226870 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 242 from Patent WO0157206.
ACCESSION AX226870
VERSION AX226870.1 GI:15556011
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Patcaey, A.R., Jarvis, T., Mcswigen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 242 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Patcaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
BASE COUNT 1 a 5 c 4 g 7 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 GGTGACTTCGGCATTC 812
DB 1 GGTGACTTCGGCATTC 17

RESULT 240
LOCUS AX527122 17 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 152 from Patent WO0226818.
ACCESSION AX527122
VERSION AX527122.1 GI:25171737
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 152 04-APR-2002;
Aeonice, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CATGAATCTGCGCAG 1264
DB 17 CATGAATCTGCGCAG 1

RESULT 241
LOCUS AX616052 17 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 859 from Patent EP1262489.
ACCESSION AX616052
VERSION AX616052.1 GI:28447098
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Nguyen, C. T.
TITLE Human lcc1-domain containing protein
JOURNAL Patent: EP 1262488-A 859 04-DEC-2002;
Aeonice, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 370 AGCAACATCATTCTTCAA 386
17 AGCAGCATCATCTTCAA 1

RESULT 242
AX616053/c 17 bp DNA linear PAT 20-FEB-2003
LOCUS Sequence 860 from Patent EP1262488.
DEFINITION AX616053
ACCESSION AX616053
VERSION AX616053.1 GI:28447099
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcl1-domain containing protein
JOURNAL Patent: EP 1262488-A 860 04-DEC-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 AAGCAATCATCTTCA 385
17 AAGCAGCATCATCTTCA 1

RESULT 243
AX616054/c 17 bp DNA linear PAT 20-FEB-2003
LOCUS Sequence 861 from Patent EP1262488.
DEFINITION AX616054
ACCESSION AX616054
VERSION AX616054.1 GI:28447100
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcl1-domain containing protein
JOURNAL Patent: EP 1262488-A 861 04-DEC-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 AAGCAATCATCTTCA 384

Db 17 AAGCAGCATCATCTTCA 1

RESULT 244
AX648952 17 bp DNA linear PAT 22-MAR-2003
LOCUS Sequence 792 from Patent EP1273660.
DEFINITION AX648952
ACCESSION AX648952
VERSION AX648952.1 GI:29151770
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu,Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 792 08-JAN-2003;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 2 c 6 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1309 CTCGTGTTGCAGAGAG 1325
1 CTCGTGTTGCAGAGAG 17

RESULT 245
AX688605 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1337 from Patent EP1281758.
DEFINITION AX688605
ACCESSION AX688605
VERSION AX688605.1 GI:29411307
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and
JOURNAL Patent: EP 1281758-A 1337 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 339 GCCCTACGCTGTCAGAGG 355
1 GCCCTACGCTGTCAGAGG 17

RESULT 246
AX688606 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1338 from Patent EP1281758.

ACCESSION AX688606
 VERSION AX688606.1 GI:29411308
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1338 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES Location/Qualifiers
 SOURCE 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 6 c 5 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 340 CCTACGCTGACAGGCA 356
 DB 1 CCTACGCTGACAGGCA 17

RESULT 247
 LOCUS AX688607 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1339 from Patent EP1281758.
 ACCESSION AX688607
 VERSION AX688607.1 GI:29411309
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1339 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES Location/Qualifiers
 SOURCE 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 5 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 341 CCTACGCTGACAGGCA 357
 DB 1 CCTACGCTGACAGGCA 17

RESULT 248
 LOCUS AX688608 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1340 from Patent EP1281758.
 ACCESSION AX688608
 VERSION AX688608.1 GI:29411310
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1340 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES Location/Qualifiers
 SOURCE 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 4 c 6 g 4 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 342 CTACGCTGACAGGAGT 358
 DB 1 CTACGCTGACAGGAGT 17

RESULT 249
 LOCUS AX712040 17 bp DNA linear PAT 11-APR-2003
 DEFINITION Sequence 12 from Patent EP1291425.
 ACCESSION AX712040
 VERSION AX712040.1 GI:29823288
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 AUTHORS Kennedy, S.P. and Sun, D.
 TITLE Human na+/h+ exchanger protein and uses thereof
 JOURNAL Patent: EP 1291425-A 12 12-MAR-2003;
 Pfizer Products Inc. (US)
 FEATURES Location/Qualifiers
 SOURCE 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 6 a 5 c 5 g 1 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1294 GTGCTCTGCGCGCTGCT 1310
 DB 17 GTGCTCTGCGCGATGCT 1

RESULT 250
 LOCUS AX725714 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 3401 from Patent WO03025176.
 ACCESSION AX725714
 VERSION AX725714.1 GI:30505057
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tadjinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 3401 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers


```

source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      5 a      5 c      4 g      3 t

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1056 GAACTCAGCACTGCA 1072
      |||||
Db      1 GATCCTCAGCACTGCA 17

RESULT 251
AX726631/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      AX726631
DEFINITION      Sequence 4318 from Patent WO03025176.
ACCESSION      AX726631
VERSION      AX726631.1 GI:30505974
KEYWORDS
SOURCE
ORGANISM      Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1      Teلمان, A., Amson, R. and Tufjinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4318 27-MAR-2003;

JOURNAL
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      4 a      4 c      2 g      7 t

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      230 ACATGTGGAGAGATC 246
      |||||
Db      17 ACATATGAGAGATGATC 1

RESULT 252
BD011185/c      17 bp      DNA      linear      PAT 31-JAN-2002
LOCUS      BD011185
DEFINITION      Human telomerase catalytic subunit.
ACCESSION      BD011185
VERSION      BD011185.1 GI:18639558
KEYWORDS      JP 2001081042-A/142.
SOURCE
ORGANISM      unidentified
unclassified.
1 (bases 1 to 17)
REFERENCE
AUTHORS      Sechi, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morl, G.B.,
Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 142 27-MAR-2001;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS      Unidentified
PN      JP 2001081042-A/142
PD      27-MAR-2001
PR      01-OCT-1996 US      08/724643, 18-APR-1997 US      08/844419 PR
25-APR-1997 US      08/846017, 06-MAY-1997 US      08/851843 PR
09-MAY-1997 US      08/854050, 14-AUG-1997 US      08/913132 PR
14-AUG-1997 US      08/912951, 14-AUG-1997 US      08/915503 PR      THOMAS

COMMENT

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R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI      GREG B
MORIN,
CALVIN B HARLEY, WILLIAM H ANDREWS
PC      A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
PC      C07K5/10,
PC      C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
PC      C12N15/09,
PC      C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
PC      G01N33/53,
PC      G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
Strandedness: Single;
CC      Topology: linear;
FH      Key      Location/Qualifiers
FT      source      1..17
FT      /organism="Unidentified".
FT      Location/Qualifiers

FEATURES
source
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT      4 a      5 c      7 g      1 t

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1420 CTGGGCTGCTGCTGCT 1436
      |||||
Db      17 CAGCCTGCTGCTGCT 1

RESULT 253
BD088644/c      17 bp      DNA      linear      PAT 27-AUG-2002
LOCUS      BD088644
DEFINITION      A method of arraying genome clone.
ACCESSION      BD088644
VERSION      BD088644.1 GI:22634254
KEYWORDS      JP 2001321190-A/888.
SOURCE
ORGANISM      synthetic construct
artificial sequence.
1 (bases 1 to 17)
REFERENCE
AUTHORS      Soeda, B.
A method of arraying genome clone
Patent: JP 2001321190-A 888 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

JOURNAL
COMMENT
OS      Artificial Sequence
PN      JP 2001321190-A/888
PD      20-NOV-2001
PR      12-MAR-2001 JP 2001068285
PI      RICHII SOEDA
PC      C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
PC      C12N15/00,
PC      C12N15/00
CC      Description of Artificial Sequence: Synthetic DNA FH      Key
Location/Qualifiers
FT      source      1..17
FT      /organism="Artificial Sequence".

FEATURES
source
1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      3 a      8 c      2 g      4 t

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      209 ACCCCAGTACCTGCTC 225
      |||||
Db      1 ACCCCAGTACCTGCTC 17

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RESULT 254
E36934/c
LOCUS      E36934      17 bp      DNA      linear      PAT 18-JUN-2001
DEFINITION Human telomerase catalytic subunit promoter.
ACCESSION  E36934
VERSION    E36934.1 GI:13022897
KEYWORDS   JP 1999253177-A/142.
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 17)
AUTHORS    Thomas, R.S., Jochimu, R., Toru, N., Karen, B.C., Greg, B.M.,
          Calvin, B.H. and William, H.A.
TITLE      Human telomerase catalytic subunit promoter
JOURNAL    Patent: JP 1999253177-A 142 21-SEP-1999;
          JERON CORP, UNIVERSITY TECHNOLOGY CORP
COMMENT    OS Unidentified
          PN JP 1999253177-A/142
          PD 21-SEP-1999
          PF 15-OCT-1998 JP 1998320169
          PR 01-OCT-1996 US 08/724,643,18-APR-1997 US 08/844,419, PR
          25-APR-1997 US 08/846,017,06-MAY-1997 US 08/851,843, PR
          09-MAY-1997 US 08/854,050,14-AUG-1997 US 08/911,312, PR
          14-AUG-1997 US 08/912,951,14-AUG-1997 US 08/915,503, PI THOMAS
          R SECHI, JOCHIMU RINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
          MORIN,
          PI CALVIN B HAREI, WILLIAM H ANDREWS
          PC C12N15/09,A61K31/70,A61K38/55,A61K39/395,A61K48/00,
          PC C1201/02,
          PC C1201/48,C1201/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC
          C07K16/40,
          PC C12N1/19,C12N1/21,C12N5/10,C12N9/12,C12P21/08,(C12N1/19, PC
          C12R1/84),
          PC (C12N1/21,C12R1/19),(C12N9/12,C12R1/19),(C12N9/12,C12R1/84),
          PC (C12N9/12,C12R1/91),C12N15/00,A61K37/64,C12N5/00 CC
          CC Topology: Linear;
          FH Key
          FT Location/Qualifiers
          source      1..17
                     /organism="unidentified"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:32644"
BASE COUNT      4 a      5 c      7 g      1 t
Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      1420 CTGGGCTGGCTGCTGCT 1436
DB      17 CAGCGCTGGCTGCTGCT 1

RESULT 255
167732/c
LOCUS      167732      17 bp      DNA      linear      PAT 30-DEC-1997
DEFINITION Sequence 14 from patent US 5672509.
ACCESSION  167732
VERSION    167732.1 GI:2731267
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Fisher, D.A.
TITLE      hppe IV-C: a human phosphodiesterase IV isozyme
JOURNAL    Patent: US 5672509-A 14 30-SEP-1997;
          Location/Qualifiers
FEATURES
source      1..17
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"
misc_feature 1..17
             /note="reverse primer for human STS sts-H56931 at 1p36
             sts-H56931 obtained from clones B116B6, B343111, B294G17,
             B311B21, B312G24, Human BAC library RPCI-11"
BASE COUNT      3 a      8 c      2 g      4 t
Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      209 ACCCGAGTACCTGTCC 225
DB      1 ACCCGAGTACCTGTTC 17

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source      1..17
             /organism="unknown"
BASE COUNT      6 a      5 c      5 g      1 t
Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      1294 GTGGTCTGGCCGCTGCT 1310
DB      17 GTTGTCTGGCCGATGCT 1

RESULT 256
AB069281
LOCUS      AB069281      17 bp      DNA      linear      STN 21-MAY-2003
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-H56931 at
          1p36.
ACCESSION  AB069281
VERSION    AB069281.1 GI:15130085
KEYWORDS
SOURCE     Synthetic construct
          ORGANISM Synthetic construct
          REFERENCE 1
          AUTHORS    Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, B., Maekawa, K.,
          Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
          Morohashi, A., Ohira, M., Nakagawara, A., Iiu, S., Hoshi, M., Horii, A.
          and Soeda, B.
          TITLE      A BAC-based STS-content map spanning a 35-Mb region of human
          chromosome 1p35-p36
          JOURNAL    Genomics 74 (1), 55-70 (2001)
          MEDLINE    21269152
          PUBMED     11374902
          REFERENCES 2 (bases 1 to 17)
          AUTHORS    Horii, A.
          TITLE      Direct Submission
          JOURNAL    Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
          Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
          Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
          Tel:81-22-717-8042, Fax:81-22-717-8047)
          FT Location/Qualifiers
          source      1..17
                     /organism="synthetic construct"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:32630"
misc_feature 1..17
             /note="reverse primer for human STS sts-H56931 at 1p36
             sts-H56931 obtained from clones B116B6, B343111, B294G17,
             B311B21, B312G24, Human BAC library RPCI-11"
BASE COUNT      3 a      8 c      2 g      4 t
Query Match      1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      209 ACCCGAGTACCTGTCC 225
DB      1 ACCCGAGTACCTGTTC 17

RESULT 257
AR098374/c
LOCUS      AR098374      18 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 34 from patent US 6075123.
ACCESSION  AR098374
VERSION    AR098374.1 GI:12807631
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 18)
AUTHORS    Lantti, J.M. and Kidd, V.J.

```

TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
JOURNAL Patent: US 6075133-A 34 13-JUN-2000;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 6 a 3 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 TCAGCAGCTGCAGGTTTC 1077
DB 17 TCAGCAGCTGCAGGTTTC 1

RESULT 258
ARI30044 18 bp DNA linear PAT 16-MAY-2001
LOCUS ARI30044
DEFINITION Sequence 36 from patent US 6187586.
ACCESSION ARI30044
VERSION ARI30044.1 GI:14117941
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Montu, B.P., Cowsett, L.M. and Roth, R.A.
TITLE Antisense modulation of AKT-3 expression
JOURNAL Patent: US 6187586-A 36 13-FEB-2001;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 7 a 2 c 4 g 5 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 GAGCCTTACATGAAT 1255
DB 2 GAGCCTTACATGAAT 18

RESULT 259
ARI74208 18 bp DNA linear PAT 17-DEC-2001
LOCUS ARI74208/c
DEFINITION Sequence 34 from patent US 6306648.
ACCESSION ARI74208
VERSION ARI74208.1 GI:17914528
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Lahli, J.M. and Kidd, V.J.
TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
JOURNAL Patent: US 6306648-A 34 23-OCT-2001;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 6 a 3 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 TCAGCAGCTGCAGGTTTC 1077
DB 17 TCAGCAGCTGCAGGTTTC 1

RESULT 260

ARI94762 18 bp DNA linear PAT 20-APR-2002
LOCUS ARI94762
DEFINITION Sequence 6 from patent US 6348596.
ACCESSION ARI94762
VERSION ARI94762.1 GI:20241354
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Lee, L.G., Graham, R.J., Mullah, K.B. and Haxo, F.T.
TITLE Non-fluorescent asymmetric cyanine dye compounds useful for quenching reporter dyes
JOURNAL Patent: US 6348596-A 6 19-FEB-2002;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 0 a 7 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GCTGTCCTGTCATCT 1453
DB 2 GCTGTCCTGTCATCT 18

RESULT 261
AR200107 18 bp DNA linear PAT 20-APR-2002
LOCUS AR200107
DEFINITION Sequence 7 from patent US 6355778.
ACCESSION AR200107
VERSION AR200107.1 GI:20250181
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Becker, J. and Alonso, J.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 6355778-A 7 12-MAR-2002;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 6 a 7 c 3 g 2 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 368 AAAGCAGTCACCTTC 384
DB 2 AAAGCAGTCACCTTC 18

RESULT 262
AX025023/c 18 bp DNA linear PAT 15-SEP-2000
LOCUS AX025023
DEFINITION Sequence 9 from Patent WO0031280.
ACCESSION AX025023
VERSION AX025023.1 GI:10184943
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Kingsman, S.M., Mitrophanous, K., Uden, M., Rohli, J. and Kingsman, A.J.
TITLE Vector
JOURNAL Patent: WO 0031280-A 9 02-JUN-2000;
KINGSMAN SUSAN MARY (GB); MITROPHANOUS KYRIACOS (GB); UDEN MARK (GB); ROHLI JONATHAN (GB); KINGSMAN ALAN JOHN (GB); OXFORD

BIOMEDICA LTD (GB)

FEATURES
source
1. .18
/organism="Equine infectious anemia virus"
/mol_type="genomic DNA"
/db_xref="taxon:11665"

BASE COUNT 10 a 1 c 7 g 0 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1080 TGCCCCCTGTTCTCT 1096
17 TCCCCCTGTTCTCT 1

RESULT 263
AX440529/c 18 bp DNA linear PAT 28-JUN-2002
LOCUS Sequence 33 from Patent WO0206529.
DEFINITION AX440529
ACCESSION AX440529
VERSION AX440529.1 GI:21665332
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Germino,G.G., Watnick,T.J. and Phakeekitcharoen,B.
TITLE Detection and treatment of polycystic kidney disease
JOURNAL Patent: WO 0206529-A 33 24-JAN-2002;
The Johns Hopkins University School of Medicine (US)
LOCATION/Qualifiers

1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer 5F3"

BASE COUNT 2 a 5 c 8 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CAGCAGATCCACTCG 769
18 CAGCAGATCCACTCG 2

RESULT 264
AX683709 18 bp DNA linear PAT 29-MAR-2003
LOCUS Sequence 26 from Patent WO03006504.
DEFINITION AX683709
ACCESSION AX683709
VERSION AX683709.1 GI:29370739
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Thomson,A.M. and Dunbar,D.R.
TITLE Allelic variants of gp150
JOURNAL Patent: WO 03006504-A 26 23-JAN-2003;
Akzo Nobel N.V. (NL)
LOCATION/Qualifiers

1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 7 a 5 c 1 g 5 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 376 ATCACTTCACACATCA 18
2 ATCACTTCACACATCA 18

RESULT 265
AX713237/c 18 bp DNA linear PAT 11-APR-2003
LOCUS Sequence 123 from Patent WO03018837.
DEFINITION AX713237
ACCESSION AX713237
VERSION AX713237.1 GI:29823826
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Maschietta,S., Schakenberg,E. and Lustig,M.
TITLE Method and diagnostic kit for the molecular diagnosis of
JOURNAL pharmacologically relevant genes
Patent: WO 03018837-A 123 06-MAR-2003;
Adnagen AG (DE)
LOCATION/Qualifiers

1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid"

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1550 TGATGACATGAGTCCC 1566
18 TGATGACATGAGTCCC 2

RESULT 266
157024 18 bp DNA linear PAT 07-OCT-1997
LOCUS Sequence 25 from patent US 5650553.
DEFINITION 157024
ACCESSION 157024
VERSION 157024.1 GI:2477437
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Ecker,J., Rothenberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 25 22-JUL-1997;
LOCATION/Qualifiers

1. .18
/organism="unknown"

BASE COUNT 6 a 7 c 3 g 2 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 AAAGCAATCACCCTTC 384
2 AAAGCAATCACCCTTC 18

RESULT 267
AR295607 19 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 7342 from patent US 6537751.
DEFINITION

ACCESSION AR295607
 VERSION AR295607.1 GI:31682891
 KEYWORDS
 SOURCE
 ORGANISM Unknown.
 FEATURES Unclassified.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
 TITLE Biallelic markers for use in constructing a high density
 disequilibrium map of the human genome
 JOURNAL Patent: US 6537751-A 7342 25-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..19
 /organism="unknown"
 BASE COUNT 5 a 10 c 0 g 4 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 664 TTCCCTTCAAGACAA 680
 |||||
 1 TTCCCTTCAAGACAA 17

RESULT 268
 AX129174 19 bp DNA linear PAT 15-MAY-2001
 LOCUS AX129174
 DEFINITION Sequence 392 from Patent WO0130362.
 ACCESSION AX129174
 VERSION AX129174.1 GI:14135479
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye
 diseases
 JOURNAL Patent: WO 0130362-A 392 03-MAY-2001;
 IMMUSOL, INC. (US)
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cdk3 ribozyme binding site"
 BASE COUNT 4 a 6 c 6 g 3 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1453 TGCCCAATCGAGCCA 1469
 |||||
 2 TGCCCAATCGAGCCA 18

RESULT 269
 AX132153 19 bp DNA linear PAT 15-MAY-2001
 LOCUS AX132153
 DEFINITION Sequence 3371 from Patent WO0130362.
 ACCESSION AX132153
 VERSION AX132153.1 GI:14138458
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye

JOURNAL diseases
 Patent: WO 0130362-A 3371 03-MAY-2001;
 IMMUSOL, INC. (US)
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cyclin B1 ribozyme binding site"
 BASE COUNT 1 a 2 c 5 g 11 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 ACAAGGACATCAC 381
 |||||
 19 ACAAGGACATCAC 3

RESULT 270
 AX132407 19 bp DNA linear PAT 15-MAY-2001
 LOCUS AX132407
 DEFINITION Sequence 3625 from Patent WO0130362.
 ACCESSION AX132407
 VERSION AX132407.1 GI:14138712
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye
 diseases
 JOURNAL Patent: WO 0130362-A 3625 03-MAY-2001;
 IMMUSOL, INC. (US)
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cdk25 ribozyme binding site"
 BASE COUNT 6 a 4 c 2 g 7 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1485 ATTTGAGTAGTAGTA 1501
 |||||
 17 ATTTGAGTAGTAGTA 1

RESULT 271
 BD167361 20 bp DNA linear PAT 17-JAN-2003
 LOCUS BD167361
 DEFINITION Method of modification of biodegradable polyester synthase.
 ACCESSION BD167361
 VERSION BD167361.1 GI:27873173
 KEYWORDS JP 2002199890-A/36.
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Doi, Y. and Taguchi, S.
 TITLE Method of modification of biodegradable polyester synthase.
 JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
 OS Artificial Sequence
 PN JP 2002199890-A/36
 PD 16-JUL-2002
 PF 28-FEB-2001 JP 2001054717

PI YOSHIMARU DOI, SEIICHI TAGUCHI
PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/00, C12N9/04, C12N9/10
PC C12N9/88, C12P7/62, C12N15/00, C12N5/00
CC Description of Artificial Sequence: synthetic DNA FH Key
FT source 1. .20
Location/Qualifiers
/organism='Artificial Sequence'.
1. .20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 7 c 7 g 5 t

Query Match 1.0%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 656 CAGGATGTTCCCTTCAAG 675
DB 1 CCGGCTGTTCCTTCAAG 20

RESULT 272
AR133621 15 bp DNA linear PAT 16-MAY-2001
LOCUS AR133621
DEFINITION Sequence 2046 from patent US 6194150.
ACCESSION AR133621
VERSION AR133621.1 GI:14122526
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 2046 27-FEB-2001;
FEATURES
Location/Qualifiers
1. .15
/organism='unknown'

BASE COUNT 1 a 6 c 5 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1292 CTGTGCTCTGCGGC 1306
DB 1 CAGTGTCTCTGCGGC 15

RESULT 273
AX636234 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX636234
DEFINITION Sequence 3373 from Patent EP1260586.
ACCESSION AX636234
VERSION AX636234.1 GI:28471848
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Dizenzo, A.,
Karpelak, A., Draper, K.G., Kisch, K., Matulis-Adamec, J.,
McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Swedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.R. and
Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
PATENT: EP 1260586-A 3373 27-NOV-2002;
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES Location/Qualifiers

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES

source 1. .15
/organism='unidentified'
/mol_type='mRNA'
/db_xref='taxon:32644'

BASE COUNT 4 a 4 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCCAAGG 1571
DB 1 ATCAGCTCCCAAGG 15

RESULT 274
161740 15 bp DNA linear PAT 07-OCT-1997
LOCUS 161740
DEFINITION Sequence 294 from patent US 5658780.
ACCESSION 161740
VERSION 161740.1 GI:2479688
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 294 19-AUG-1997;
FEATURES
Location/Qualifiers
1. .15
/organism='unknown'

BASE COUNT 4 a 4 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCCAAGG 1571
DB 1 ATCAGCTCCCAAGG 15

RESULT 275
AX076025/C 16 bp DNA linear PAT 06-FEB-2001
LOCUS AX076025
DEFINITION Sequence 1 from Patent WO0104358.
ACCESSION AX076025
VERSION AX076025.1 GI:12710678
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
Stuyver, L., Maertens, G. and van Geyt, C.
TITLE Detection of anti-hepatitis B drug resistance
JOURNAL INNOCENTICS N.V. (BE)
PATENT: WO 0104358-A 1 18-JAN-2001;
FEATURES Location/Qualifiers
1. .16
/organism='Hepatitis B virus'
/mol_type='genomic DNA'
/db_xref='taxon:10407'

BASE COUNT 0 a 6 c 3 g 7 t

Query Match 0.9%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1464 GAGCCAAAGAAATG 1478
DB 16 GAGCCAAAGAAACG 2

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RESULT 276
LOCUS   ARI88516/c
DEFINITION ARI88516 Sequence 4004 from patent US 6346398.
ACCESSION ARI88516
VERSION   ARI88516.1 GI:20234481
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS   Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 6346398-A 4004 12-FEB-2002;
FEATURES
SOURCE    1..17
          /organism="unknown"
BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 234 GTGGAAGAGATGCC 248
DB 16 GTGGAAGAGATCAC 2

RESULT 277
LOCUS   ARI88518/c
DEFINITION ARI88518 Sequence 4006 from patent US 6346398.
ACCESSION ARI88518
VERSION   ARI88518.1 GI:20234483
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS   Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 6346398-A 4006 12-FEB-2002;
FEATURES
SOURCE    1..17
          /organism="unknown"
BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 231 CATGTGAAGAGAT 245
DB 15 CACTGTGAAGAGAT 1

RESULT 278
LOCUS   AX216067/c
DEFINITION AX216067 Sequence 1509 from Patent WO0159103.
ACCESSION AX216067
VERSION   AX216067.1 GI:15526110
KEYWORDS
SOURCE    synthetic construct
          synthetic construct
          artificial sequences.
ORGANISM
AUTHORS   Blactt,L., Mcswigen,J. and Chowrira,B.M.
TITLE     Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
FEATURES
SOURCE

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JOURNAL   Patent: WO 0159103-A 1509 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blactt, Lawrence (US) ;
          McSwigen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
SOURCE    1..17
          /organism="synthetic construct"
          /mol_type="mRNA"
          /db_xref="taxon:32630"
          /note="Nucleic Acid"
BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1220 GCTCTGTAAGTGC 1234
DB 15 GACTGTGAACTGC 1

RESULT 279
LOCUS   AX216293/c
DEFINITION AX216293 Sequence 1735 from Patent WO0159103.
ACCESSION AX216293
VERSION   AX216293.1 GI:15526354
KEYWORDS
SOURCE    synthetic construct
          synthetic construct
          artificial sequences.
REFERENCE 1
AUTHORS   Blactt,L., Mcswigen,J. and Chowrira,B.M.
TITLE     Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
JOURNAL   Patent: WO 0159103-A 1735 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blactt, Lawrence (US) ;
          McSwigen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
SOURCE    1..17
          /organism="synthetic construct"
          /mol_type="mRNA"
          /db_xref="taxon:32630"
          /note="Nucleic Acid"
BASE COUNT 0 a 6 c 4 g 7 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1319 CAGAGAGCGGGCCA 1333
DB 16 CAGAGAGCGAGGCCA 2

RESULT 280
LOCUS   AX272672/c
DEFINITION AX272672 Sequence 241 from Patent WO0162911.
ACCESSION AX272672
VERSION   AX272672.1 GI:16545409
KEYWORDS
SOURCE    Homo sapiens (human)
          Homo sapiens
          Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS   Jarvis,T., von Carlowitz,I., Mcswigen,J.A., Hamblin,P.A. and
          Ellis,J.H.
TITLE     Method and reagent for the inhibition of grid
          Patent: WO 0162911-A 241 30-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
SOURCE    1..17

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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT      5 a      2 c      8 g      2 t

Query Match
Best Local Similarity  0.9%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      969 CTTGCTGCTCCCA 983
DB      15 CTTCTGCTCCCA 1

RESULT 281
LOCUS AX273006 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 575 from Patent WO0162911.
ACCESSION AX273006
VERSION AX273006.1 GI:16545743
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Jarvis,T., von Carlwitzer,I., Meswigen,J.A., Hamblin,P.A. and
Ellijs,J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 575 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT      4 a      3 c      8 g      2 t

Query Match
Best Local Similarity  0.9%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      969 CTTGCTGCTCCCA 983
DB      17 CTTCTGCTCCCA 3

RESULT 282
LOCUS AX499160 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 467 from Patent EP1229046.
ACCESSION AX499160
VERSION AX499160.1 GI:23381453
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Zhan,J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 467 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT      2 a      9 c      2 g      4 t

Query Match
Best Local Similarity  0.9%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      414 GTACCGCACTTCA 428
DB      3 GTCCGCACTTCA 17

RESULT 283
LOCUS AX688602 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1334 from Patent EP1281758.
ACCESSION AX688602
VERSION AX688602.1 GI:29411304
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 1334 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT      3 a      5 c      6 g      3 t

Query Match
Best Local Similarity  0.9%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      338 GGCCCTACGTGACA 352
DB      3 GGCCCTACGTGACA 17

RESULT 284
LOCUS AX688728 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1460 from Patent EP1281758.
ACCESSION AX688728
VERSION AX688728.1 GI:29411432
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 1460 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT      4 a      6 c      6 g      1 t

Query Match
Best Local Similarity  0.9%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1060 GTGAGCACTGACAG 1074
DB      3 GGAGCACTGACAG 17

RESULT 285
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AX688734
 LOCUS AX688734 17 bp DNA
 DEFINITION Sequence 1466 from Patent EP1281758.
 ACCESSION AX688734
 VERSION AX688734.1 GI:29411438
 KEYWORDS
 ORGANISM Homo sapiens (human)
 SOURCE Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1466 05-FEB-2003;
 Aeonica, Inc. (US)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 7 c 5 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1064 GCACCTGCAGTTCA 1078
 DB 1 GCACCTGCAGTGCA 15

RESULT 286
 LOCUS AX727130 17 bp DNA
 DEFINITION Sequence 4817 from Patent WO03025176.
 ACCESSION AX727130
 VERSION AX727130.1 GI:30506473
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 4817 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 5 a 7 c 2 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1448 TCATCTGCCAATCC 1462
 DB 3 TCATCTGCCAACC 17

RESULT 287
 LOCUS AX727959 17 bp DNA
 DEFINITION Sequence 5646 from Patent WO03025176.
 ACCESSION AX727959
 VERSION AX727959.1 GI:30507302
 KEYWORDS

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 5646 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 6 a 3 c 5 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 803 TCTGCATTCGATC 817
 DB 15 TCTGCATTCGATC 1

RESULT 288
 LOCUS AX735651 17 bp DNA
 DEFINITION Sequence 1241 from Patent WO03025177.
 ACCESSION AX735651
 VERSION AX735651.1 GI:30514928
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
 JOURNAL Patent: WO 03025177-A 1241 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 7 a 3 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 911 GATCCATGAGCTAA 925
 DB 1 GATCCATGAGCTAA 15

RESULT 289
 LOCUS AR058208 18 bp DNA
 DEFINITION Sequence 6 from patent US 5837694.
 ACCESSION AR058208
 VERSION AR058208.1 GI:5983785
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Barrett, G. Leslie.

TITLE Method for enhancing neurone survival and agents useful for same
JOURNAL Patent: US 5837694-A 6 17-NOV-1998;
FEATURES Location/Qualifiers
SOURCE 1. .18

BASE COUNT 3 a 4 c 7 g 4 t
/organism="unknown"

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 347 TGTACAGGAGTCCA 361
Db 17 TGTACAGGAGTCCA 3

RESULT 290
AR067361 18 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 709 from patent US 5851760.
ACCESSION AR067361
VERSION AR067361.1 GI:5998583
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Evans, G.A. and Smith, M.W.
TITLE Method for generation of sequence sampled maps of complex genomes
JOURNAL Patent: US 5851760-A 709 22-DEC-1998;
FEATURES Location/Qualifiers
SOURCE 1. .18

BASE COUNT 0 a 8 c 3 g 7 t
/organism="unknown"

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1298 TCCGCGCGCTCT 1312
Db 2 TCCGCGCTCTCT 16

RESULT 291
AR095383 18 bp DNA linear PAT 08-SEP-2000
LOCUS
DEFINITION Sequence 1 from patent US 6004754.
ACCESSION AR095383
VERSION AR095383.1 GI:10023212
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS You, Q.
TITLE DNA sequence, related probes and primers for the detection of
JOURNAL Streptococcus agalactiae
FEATURES Patent: US 6004754-A 1 21-DEC-1999;
SOURCE Location/Qualifiers
SOURCE 1. .18

BASE COUNT 6 a 6 c 5 g 1 t
/organism="unknown"

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 CCAGACATGACG 758
Db 1 CCAGACATGACG 15

RESULT 292
AR099355 18 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 9 from patent US 6077709.
ACCESSION AR099355
VERSION AR099355.1 GI:12809121
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank, J., Swayze, E. B. and Cowert, L. M.
TITLE Antisense modulation of Survivin expression
JOURNAL Patent: US 6077709-A 9 20-JUN-2000;
FEATURES Location/Qualifiers
SOURCE 1. .18

BASE COUNT 2 a 9 c 4 g 3 t
/organism="unknown"

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGCGACGGGTC 1005
Db 3 TGTGCGACGGGTC 17

RESULT 293
AR106968 18 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 129 from patent US 6107092.
ACCESSION AR106968
VERSION AR106968.1 GI:12821498
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowert, L.M., Bennett, C. Frank, J. and O'Malley, B.W.
TITLE Antisense modulation of SRA expression
JOURNAL Patent: US 6107092-A 129 22-AUG-2000;
FEATURES Location/Qualifiers
SOURCE 1. .18

BASE COUNT 5 a 6 c 6 g 1 t
/organism="unknown"

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1294 GTGCTCTGCGCTG 1308
Db 17 GTGCTCTGCGCTG 3

RESULT 294
AR142361 18 bp DNA linear PAT 08-AUG-2001
LOCUS
DEFINITION Sequence 6 from patent US 6174869.
ACCESSION AR142361
VERSION AR142361.1 GI:15102661
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Barrett, G. Leslie.
TITLE Method for enhancing neurone survival and agents useful for same
JOURNAL Patent: US 6174869-A 6 16-JAN-2001;
FEATURES Location/Qualifiers
SOURCE 1. .18

/organism="unknown"

BASE COUNT 3 a 4 c 7 g 4 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 347 TGTACAGGAGTCCA 361
| | | | | | | | | | | | | | | | | |
Db 17 TGTACAGGAGTCCA 3

RESULT 295
LOCUS AR181556 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 18 from patent US 6335194.
ACCESSION AR181556
VERSION AR181556.1 GI:20223770
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.,Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 6335194-A 18 01-JAN-2002;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 2 a 9 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGGATCC 1005
| | | | | | | | | | | | | | | | | |
Db 3 TGTGCCAACGGGATCC 17

RESULT 296
LOCUS AR181596 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 58 from patent US 6335194.
ACCESSION AR181596
VERSION AR181596.1 GI:20223810
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.,Frank., Ackermann,E.J., Swayze,E.E. and Cowsett,L.M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 6335194-A 58 01-JAN-2002;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 2 a 9 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGGATCC 1005
| | | | | | | | | | | | | | | | | |
Db 3 TGTGCCAACGGGATCC 17

RESULT 297
LOCUS AR266208 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 20 from patent US 6492173.
ACCESSION AR266208
VERSION AR266208.1 GI:29695054

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowsett,L.M.
TITLE Antisense inhibition of cyclin D2 expression
JOURNAL Patent: US 6492173-A 20 10-DEC-2002;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 2 a 7 c 6 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 758 GGATCCACCTCGTGG 772
| | | | | | | | | | | | | | | | | |
Db 1 GGATCCACCTCGTGG 15

RESULT 298
LOCUS A65232 19 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 3 from Patent WO9735011.
ACCESSION A65232
VERSION A65232.1 GI:4531027
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Sliemers,M.C., Cutruzzola,F., Ciabatti, Iaria, Zennaro,B.,
Vieco,C., Di Ceppolo and Maslino.
TITLE RECOMBINANT PROCESS FOR THE PRODUCTION IN PSEUDOMONAS PUTIDA OF THE
CYTOCHROME C51 OF PSEUDOMONAS AERUGINOSA
JOURNAL Patent: WO 9735011-A 3 25-SEP-1997;
MINI RICERCA SCIENT TECNOLOG (IT)
COMMENT Other publication IT MI960515 19970915.
FEATURES
Source 1..19
/organism="unidentified"
/mol_type="Genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 7 a 6 c 4 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 525 CATGACCTGAAAGCT 539
| | | | | | | | | | | | | | | | | |
Db 5 CAAGACCTGAAAGCT 19

RESULT 299
LOCUS AR293097 19 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 4832 from patent US 6537751.
ACCESSION AR293097
VERSION AR293097.1 GI:31680381
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 4832 25-MAR-2003;
FEATURES
Source 1..19
Location/Qualifiers

BASE COUNT 9 a 0 c 7 g 3 t
Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 660 CATGTTCCCTTCAA 674
DB 19 CATTTCCCTTCAA 5

RESULT 300
AX129899 19 bp DNA linear PAT 15-MAY-2001
LOCUS AX129899/c
DEFINITION Sequence 1117 from Patent WO0130362.
ACCESSION AX129899
VERSION AX129899.1 GI:14136204
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 Robbins,J.M. and Trletz,R.
AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye
TITLE diseases
JOURNAL Patent: WO 0130362-A 1117 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="CDK-we-hu ribozyme binding site"
BASE COUNT 2 a 4 g 6 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 304 CTGAAGGCGGAGAG 318
DB 19 CTGCGAGGCGGAGAG 5

RESULT 301
AX132156 19 bp DNA linear PAT 15-MAY-2001
LOCUS AX132156/c
DEFINITION Sequence 3374 from Patent WO0130362.
ACCESSION AX132156
VERSION AX132156.1 GI:14138461
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 Robbins,J.M. and Trletz,R.
AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye
TITLE diseases
JOURNAL Patent: WO 0130362-A 3374 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="Cyclin B1 ribozyme binding site"
BASE COUNT 3 a 4 g 9 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 1522 GAGGCAATTCAGGCC 1536
DB 16 GAGTCCATTCAGGCC 2

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 360 CAGGCACAAAGCAA 374
DB 18 CAGTCACAAAGCAA 4

RESULT 302
AX132157 19 bp DNA linear PAT 15-MAY-2001
LOCUS AX132157/c
DEFINITION Sequence 3375 from Patent WO0130362.
ACCESSION AX132157
VERSION AX132157.1 GI:14138462
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 Robbins,J.M. and Trletz,R.
AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye
TITLE diseases
JOURNAL Patent: WO 0130362-A 3375 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="Cyclin B1 ribozyme binding site"
BASE COUNT 2 a 4 c 4 g 9 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 360 CAGGCACAAAGCAA 374
DB 17 CAGTCACAAAGCAA 3

RESULT 303
AX193678 19 bp DNA linear PAT 15-AUG-2001
LOCUS AX193678/c
DEFINITION Sequence 100 from Patent WO0140291.
ACCESSION AX193678
VERSION AX193678.1 GI:15211544
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.
REFERENCE 1 Burgess,C.B., Prayaga,S.K., Shimkets,R.A., Rastelli,L.,
AUTHORS Zernhusen,B.D. and Mezes,P.S.
TITLE Proteins and nucleic acids encoding the same
JOURNAL Patent: WO 0140291-A 100 07-JUN-2001;
Curagen Corporation (US)
FEATURES
source location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Chemically synthesized"
BASE COUNT 5 a 4 c 6 g 4 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
OY 1522 GAGGCAATTCAGGCC 1536
DB 16 GAGTCCATTCAGGCC 2

RESULT 304
BD168189
LOCUS BD168189 19 bp DNA linear PAT 17-JAN-2003
DEFINITION Method for examination for allergosis.
ACCESSION BD168189.1 GI:27874001
VERSION MO 0233069-A/96.
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Saito,H.
TITLE Method for examination for allergosis
JOURNAL Patent: WO 0233069-A 96-25-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAVASHI, TAKESHI NAGASU, HIROHISA SAITO
COMMENT OS Artificial Sequence
PN MO 0233069-A/96
PD 25-APR-2002
PF 28-SEP-2001 WO 2001JP008574
PR 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAVASHI, PI TAKESHI NAGASU,
PI HIROHISA SAITO
PC A61K39/395,
PC C07K14/47,C07K16/18//C12P21/02,C12P21/08
CC Description of Artificial Sequence:an artificially synthesized
CC primer
CC sequence
FH Key
FT source
FT Location/Qualifiers
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 6 a 4 c 6 g 3 t
Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 770 TGGACAGTGGACG 784
DB 5 TGGACAGTGGACG 19
RESULT 305
188039/c
LOCUS 188039 19 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 17 from patent US 5716846.
ACCESSION 188039
VERSION 188039.1 GI:3407979
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Brown,S.Joel., Dattaguppa,N. and Naidu,Y.M.
TITLE Method for inhibiting cellular proliferation using antisense oligonucleotides to interleukin-6 receptor mRNA
JOURNAL Patent: US 5716846-A 17 10-FEB-1998;
FEATURES
source 1..19
/organism="unknown"
BASE COUNT 6 a 3 c 8 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGTACCTGTCC 225
DB 17 CCCATTAGCTGTCC 3

RESULT 306
195652/c
LOCUS 195652 19 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 19 from patent US 5733732.
ACCESSION 195652
VERSION 195652.1 GI:3940122
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Campbell,K.P., Roberts,S.L., Sunada,Y., Piccolo,F., Jeanpierre,M. and Kaplan,J.-C.
TITLE Methods for detecting primary adhalinopathy
JOURNAL Patent: US 5733732-A 19 31-MAR-1998;
FEATURES
source 1..19
/organism="unknown"
BASE COUNT 5 a 4 c 4 g 6 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 225 CTTCAAGTGTGGA 239
DB 17 CTTCAAGTGTGGA 3

RESULT 307
A30038/c
LOCUS A30038 18 bp DNA linear PAT 13-JUL-1995
DEFINITION Oligonucleotide K138N from patent EP0411715.
ACCESSION A30038
VERSION A30038.1 GI:1249039
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Vos,P.A.J., Stezen,R.J., De Vos,W.M., Kok,J., Venema,G. and Haandrikman,A.J.
TITLE Modified proteases, process for their preparation and their use in foodstuffs
JOURNAL Patent: EP 0411715-A 7 06-FEB-1991;
NEEDERLANDS INSTITUUT VOOR ZUIVELONDERZOEK; STICHTING NEDERLANDS INSTITUUT VOOR ZUIVELONDERZOEK (NIZO)
FEATURES
source 1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 4 a 6 c 4 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1121 ACCCGTTCTGGCAGAG 1138
DB 18 ACCCGTTCTGGCAGAG 1

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RESULT 308
A46967
LOCUS A46967 18 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 7 from Patent WO9529259.
ACCESSION A46967
VERSION A46967.1 GI:2300987
KEYWORDS
SOURCE
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Voortberg,J.J., Van,M.J. and Mertens,K.
TITLE METHOD AND MEANS FOR DETECTING AND TREATING DISORDERS IN THE BLOOD
JOURNAL COAGULATION CASCADE
Patent: WO 9529259-A 7 02-NOV-1995;
STICHTING CENTRAAL LAB (NL)
Other publication AU 2319495 951116.
FEATURES
SOURCE
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCCCG 960
Db 1 GTGTTGAAGCATATATCC 18

RESULT 309
A46991
LOCUS A46991 18 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 31 from Patent WO9529259.
ACCESSION A46991
VERSION A46991.1 GI:2301005
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Voortberg,J.J., Van,M.J. and Mertens,K.
TITLE METHOD AND MEANS FOR DETECTING AND TREATING DISORDERS IN THE BLOOD
JOURNAL COAGULATION CASCADE
Patent: WO 9529259-A 31 02-NOV-1995;
STICHTING CENTRAAL LAB (NL)
Other publication AU 2319495 951116.
FEATURES
SOURCE
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCCCG 960
Db 1 GTGTTGAAGCATATATCC 18

RESULT 310
AR012022
LOCUS AR012022 18 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 10 from patent US 5763184.
ACCESSION AR012022
VERSION AR012022.1 GI:3970012
KEYWORDS

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SOURCE unknown.
ORGANISM Unidentified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Reynolds,R.Lynne, and Zangenberg,G.AnneMarie.
TITLE Nucleotide sequence variation in the ABO glycosyltransferase gene
JOURNAL Patent: US 5763184-A 10 09-JUN-1998;
FEATURES
SOURCE
BASE COUNT 5 a 6 c 3 g 4 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGAGATCATGTGGGCT 616
Db 18 GTGGATCATATGAGCT 1

RESULT 311
AR102336
LOCUS AR102336 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 7 from patent US 6083905.
ACCESSION AR102336
VERSION AR102336.1 GI:12813134
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Voortberg,J.Jacobus., van Mourik,J.Aart. and Mertens,K.
TITLE Method and means for detecting and treating disorders in the blood
JOURNAL coagulation cascade
Patent: US 6083905-A 7 04-JUL-2000;
FEATURES
SOURCE
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCCCG 960
Db 1 GTGTTGAAGCATATATCC 18

RESULT 312
AR102354
LOCUS AR102354 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 31 from patent US 6083905.
ACCESSION AR102354
VERSION AR102354.1 GI:12813152
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Voortberg,J.Jacobus., van Mourik,J.Aart. and Mertens,K.
TITLE Method and means for detecting and treating disorders in the blood
JOURNAL coagulation cascade
Patent: US 6083905-A 31 04-JUL-2000;
FEATURES
SOURCE
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 943 GTGTTGAAGCATCC 960
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 DB 1 GTGTTGAAGCATATCC 18

RESULT 313
 AR106769/c 18 bp DNA linear PAT 14-FEB-2001
 LOCUS AR106769/c
 DEFINITION Sequence 17 from patent US 6107091.
 ACCESSION AR106769
 VERSION AR106769.1 GI:12821299
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 18)
 TITLE Cowser, L.M.
 JOURNAL Antisense inhibition of G-alpha-16 expression
 FEATURES Patent: US 6107091-A 17 22-AUG-2000;
 Location/Qualifiers
 source 1..18
 BASE COUNT 2 a 5 c 4 g 7 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGAATCATGCGATCC 763
 |||||
 DB 18 AGAATCATGCGATCC 1

RESULT 314
 AR107112/c 18 bp DNA linear PAT 14-FEB-2001
 LOCUS AR107112/c
 DEFINITION Sequence 20 from patent US 6107457.
 ACCESSION AR107112
 VERSION AR107112.1 GI:12821642
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 18)
 TITLE Arlinghaus, R.B., Liu, J., Lu, D. and Lopez-Berestein, G.
 JOURNAL Bcr-Abl directed compositions and uses for inhibiting Philadelphia
 FEATURES chromosome stimulated cell growth
 Patent: US 6107457-A 20 22-AUG-2000;
 Location/Qualifiers
 source 1..18
 BASE COUNT 6 a 8 c 1 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTGGCGGTGATGAT 512
 |||||
 DB 18 GGATGTGCGGTGATGAT 1

RESULT 315
 AR107113 18 bp DNA linear PAT 14-FEB-2001
 LOCUS AR107113
 DEFINITION Sequence 21 from patent US 6107457.
 ACCESSION AR107113
 VERSION AR107113.1 GI:12821643
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Arlinghaus, R.B., Liu, J., Lu, D. and Lopez-Berestein, G.
 TITLE Bcr-Abl directed compositions and uses for inhibiting Philadelphia
 JOURNAL chromosome stimulated cell growth
 FEATURES Patent: US 6107457-A 21 22-AUG-2000;
 Location/Qualifiers
 source 1..18
 BASE COUNT 3 a 1 c 8 g 6 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTGGCGGTGATGAT 512
 |||||
 DB 1 GGATGTGCGGTGATGAT 18

RESULT 316
 AR300592/c 18 bp DNA linear PAT 12-JUN-2003
 LOCUS AR300592/c
 DEFINITION Sequence 20 from patent US 6537804.
 ACCESSION AR300592
 VERSION AR300592.1 GI:31688104
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 18)
 TITLE Arlinghaus, R.B., Liu, J., Lopez-Berestein, G., Lu, D. and Wu, Y.
 JOURNAL BCR-ABL directed compositions and uses for inhibiting Philadelphia
 FEATURES chromosome stimulated cell growth
 Patent: US 6537804-A 20 25-MAR-2003;
 Location/Qualifiers
 source 1..18
 BASE COUNT 6 a 8 c 1 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTGGCGGTGATGAT 512
 |||||
 DB 18 GGATGTGCGGTGATGAT 1

RESULT 317
 AR300593 18 bp DNA linear PAT 12-JUN-2003
 LOCUS AR300593
 DEFINITION Sequence 21 from patent US 6537804.
 ACCESSION AR300593
 VERSION AR300593.1 GI:31688105
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 18)
 TITLE Arlinghaus, R.B., Liu, J., Lopez-Berestein, G., Lu, D. and Wu, Y.
 JOURNAL BCR-ABL directed compositions and uses for inhibiting Philadelphia
 FEATURES chromosome stimulated cell growth
 Patent: US 6537804-A 21 25-MAR-2003;
 Location/Qualifiers
 source 1..18
 BASE COUNT 3 a 1 c 8 g 6 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTGGCGGTGATGAT 512

Db 1 GGATGTTCGCTGATGAT 18
RESULT 318
AX268101/c 18 bp DNA linear PAT 26-OCT-2001
LOCUS AX268101
DEFINITION Sequence 11 from Patent WO0164736.
ACCESSION AX268101
VERSION AX268101.1 GI:16516609
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Citisanti-Lasias, P.
TITLE Novel compounds useful for controlling cell proliferation and/or differentiation, and biological applications thereof
JOURNAL Patent: WO 0164736-A 11 07-SEP-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(PR)
FEATURES
LOCATION/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer-oligo"
BASE COUNT 7 a 3 c 6 g 2 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1395 CTATGCCAGTACTCTCT 1412
Db 18 CTGTCTAGTACTCTCT 1
RESULT 319
AX322725 18 bp DNA linear PAT 07-JAN-2002
LOCUS AX322725
DEFINITION Sequence 10 from Patent WO0192502.
ACCESSION AX322725
VERSION AX322725.1 GI:18093715
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Svendsen, A., Glad, S.O., Fukuyama, S. and Matsui, T.
TITLE Cutinase variants
JOURNAL Patent: WO 0192502-A 10 06-DEC-2001;
Novozymes A/S (DK)
FEATURES
LOCATION/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/note="AM35"
BASE COUNT 5 a 7 c 3 g 3 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 970 TTGCTGCTCCCAAC 987
Db 1 TTGAGGCTCCCAAC 18
RESULT 320
AX391653/c 18 bp DNA linear PAT 23-MAR-2002
LOCUS AX391653

DEFINITION Sequence 34 from Patent EP1184468.
ACCESSION AX391653
VERSION AX391653.1 GI:19700259
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Yamamoto, N.C., Okamoto, T.C. and Suzuki, T.C.
TITLE Method for sequencing using probe arrays
JOURNAL Patent: EP 1184468-A 34 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
FEATURES
LOCATION/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"
BASE COUNT 3 a 4 c 6 g 5 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 526 ATGACCTGAGCTCATT 543
Db 18 ATGACCTGAGCTCATT 1
RESULT 321
AX391802/c 18 bp DNA linear PAT 23-MAR-2002
LOCUS AX391802
DEFINITION Sequence 34 from Patent EP1184467.
ACCESSION AX391802
VERSION AX391802.1 GI:19700386
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Yamamoto, N., Okamoto, T., Tanaka, S. and Suzuki, T.
TITLE Screening method for gene variation
JOURNAL Patent: EP 1184467-A 34 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
FEATURES
LOCATION/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"
BASE COUNT 3 a 4 c 6 g 5 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 526 ATGACCTGAGCTCATT 543
Db 18 ATGACCTGAGCTCATT 1
RESULT 322
AX453148 18 bp DNA linear PAT 06-JUL-2002
LOCUS AX453148
DEFINITION Sequence 27 from Patent WO0242444.
ACCESSION AX453148
VERSION AX453148.1 GI:21712655
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Yoder, O., Turgeon, B.G. and Lu, S.W.

TITLE Fungal gene cluster associated with pathogenesis
JOURNAL Patent: WO 0242444-A 27 30-MAY-2002;
SynGene Participations AG (CH) ; CORNELL RESEARCH FOUNDATION, INC.
(US) ; Yoder, Olen (US) ; Turgeon, Barbara G. (US) ; Lu, Shen-wen
(US)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 0 a 6 c 5 g 7 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1431 CCTGCTGCTGCTGCTCT 1448
DB 1 CCTGCTGCTGCTGCTCT 18

RESULT 323
LOCUS AX453810/c 18 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 34 from Patent EP1213361.
ACCESSION AX453810
VERSION AX453810.1 GI:221713479

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Okamoto, T., Yamamoto, N. and Suzuki, T.
TITLE Terminal labeled probe array and method of making it
JOURNAL Patent: EP 1213361-A 34 12-JUN-2002;
CANON KABUSHIKI KAISHA (JP)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthesized"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAGCTCATC 543
DB 18 ATGAACCTGAGCGCCATC 1

RESULT 324
LOCUS AX697399/c 18 bp DNA linear PAT 02-APR-2003
DEFINITION Sequence 467 from Patent WO0078961.
ACCESSION AX697399
VERSION AX697399.1 GI:29498530

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Ferrara, N., Stewart, T.A., Williams, P.M., Baker, K.P., Desnoyers, L.,
Bacon, D.L., Gao, W.O., Pan, J., Botstein, D., Fong, S., Goddard, A.,
Goddard, P.J., Guirney, A.L., Smith, V., Tumas, D., Wood, M.L.,
Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.K.

TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: WO 0078961-A 467 28-DEC-2000;
Genentech Inc. (US)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide probe"

BASE COUNT 3 a 7 c 4 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACACTCCGACTCTGGCC 721
DB 18 ACAAGTGGACTCTGGCC 1

RESULT 325
LOCUS AX711951 18 bp DNA linear PAT 12-MAY-2003
DEFINITION Sequence 30 from Patent WO02103060.
ACCESSION AX711951
VERSION AX711951.1 GI:29787742

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Tuveño, H.T., Friek, G.B. and Yin, H.
TITLE Enterovirus nucleic acids
JOURNAL Patent: WO 02103060-A 30 27-DEC-2002;
Immunovet Project AB (SE)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 4 a 6 c 3 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 221 TGTCTTCACATGTGGA 238
DB 1 TGTCTTCACATGTGGA 18

RESULT 326
LOCUS AX718711/c 18 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 275 from Patent WO02103043.
ACCESSION AX718711
VERSION AX718711.1 GI:29891278

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Belmfahr, C. and Snatidr, J.
TITLE Method for the specific fast detection of bacteria which is harmful
to beer
JOURNAL Patent: WO 02103043-A 275 27-DEC-2002;
Vericon AG (DE)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 AAGTGAACGGGCTGAGC 792
DB 18 AAGTGAACGGGCTGCGC 1

RESULT 327
AX718716/c 18 bp DNA linear PAT 15-APR-2003
LOCUS
DEFINITION Sequence 280 from Patent WO2103043.
ACCESSION AX718716
VERSION AX718716
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
METHOD for the specific faec detection of bacteria which is harmful to beer
PATENT: WO 02103043-A 280 27-DEC-2002;
VERICON AG (DE)
FEATURES
SOURCE
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 774 CAAGTGAACGGGCTGAG 791
DB 18 CAAGTGAACGGGCTGCG 1

RESULT 328
AX721028/c 18 bp DNA linear PAT 07-MAY-2003
LOCUS
DEFINITION Sequence 12 from Patent WO03025227.
ACCESSION AX721028
VERSION AX721028.1 GI:30421864
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Gen-Probe Incorporated (US); BIOMERIEUX SA (FR)
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="detection probe oligonucleotide"

BASE COUNT 4 a 4 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1234 CAGCTGAGCCTTACATG 1251
DB 18 CAGCTGAGCCTTATCATG 1

RESULT 329
BD000045/c 18 bp DNA linear PAT 31-JAN-2002
LOCUS
DEFINITION
BD000045
Probe-coupling substrate, process for producing the same,
probe-array, method for detecting target substance, method for
specifying base sequence of single-stranded nucleic acid in the
sample, and method for quantitating the target substance in the
sample.

ACCESSION BD000045
VERSION BD000045.1 GI:18621124
KEYWORDS JP 2000270896-A/35.
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
METHOD for the specific faec detection of bacteria which is harmful to beer
PATENT: WO 02103043-A 280 27-DEC-2002;
VERICON AG (DE)
FEATURES
SOURCE
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid"

COMMENT
JOURNAL
METHOD for the specific faec detection of bacteria which is harmful to beer
PATENT: WO 02103043-A 280 27-DEC-2002;
VERICON AG (DE)
FEATURES
SOURCE
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAGGCTGATC 543
DB 18 ATGACCTGAGGCTGATC 1

RESULT 330
BD087998/c 18 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION A method of arraying genome clone.
ACCESSION BD087998
VERSION BD087998.1 GI:22633608
KEYWORDS JP 2001321190-A/242.
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
OS Artificial Sequence
PN JP 2001321190-A/242
PD 20-NOV-2001 JP 2001068285
PI 12-MAR-2001 JP 2001068285
PI 12-MAR-2001 JP 2001068285
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00, PC C12N15/00

COMMENT

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
OS Artificial Sequence
PN JP 2001321190-A/242
PD 20-NOV-2001 JP 2001068285
PI 12-MAR-2001 JP 2001068285
PI 12-MAR-2001 JP 2001068285
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00, PC C12N15/00

CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source 1.18
Location/Qualifiers
1.18
/organism="Artificial Sequence".
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 6 c 5 g 4 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1211 CCATGACCTGCTGTGGA 1228
DB 18 CCAAGAGCTGACCTGTGA 1
RESULT 331
BD089460/c 18 bp DNA linear PAT 27-AUG-2002
LOCUS BD089460
DEFINITION A method of arraying genome clone.
ACCESSION BD089460
VERSION BD089460.1 GI:22635070
KEYWORDS JP 2001321190-A/1704.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1704 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT OS Artificial Sequence
PN JP 2001321190-A/1704
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EITCHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/56,PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source 1.18
Location/Qualifiers
/organism="Artificial Sequence".
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 6 c 5 g 4 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 521 AGCCATGACCTGGAAC 538
DB 18 AGTCATGACCTGAGAC 1
RESULT 332
BD133656/c 18 bp DNA linear PAT 18-SEP-2002
LOCUS BD133656/c
DEFINITION Method for screening mutated gene.
ACCESSION BD133656
VERSION BD133656.1 GI:23228601
KEYWORDS JP 2002071687-A/34.
SOURCE synthetic construct
ORGANISM synthetic construct

ARTIFICIAL SEQUENCES.
1 (bases 1 to 18)
Yamamoto,N., Okamoto,T., Suzuki,T. and Tanaka,S.
METHOD for screening mutated gene
PATENT: JP 2002071687-A 34 12-MAR-2002;
JOURNAL CANON INC
COMMENT OS Artificial Sequence
PN JP 2002071687-A/34
PD 12-MAR-2002
PF 31-AUG-2000 JP 2000263396
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,SHINYA TANAKA
PC G01N33/53,C12M1/00,C12N15/09,C12Q1/68,G01N31/22,G01N33/56,PC
G01N37/00,
PC C12N15/00
CC Sample origin:nucleotide
FH Key
FT source 1.18
Location/Qualifiers
/organism="Artificial Sequence".
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 4 c 6 g 5 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 526 ATGACCTGAGGCTGATC 543
DB 18 ATGACCTGAGGCTGATC 1
RESULT 333
BD135734/c 18 bp DNA linear PAT 18-SEP-2002
LOCUS BD135734/c
DEFINITION Method for detecting subjective component in specimen sample, and
substrate for detection used therefor.
ACCESSION BD135734
VERSION BD135734.1 GI:23230679
KEYWORDS JP 2002065274-A/38.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Yamamoto,N., Okamoto,T., Suzuki,T. and Shimizu,A.
TITLE Method for detecting subjective component in specimen sample, and
substrate for detection used therefor
JOURNAL Patent: JP 2002065274-A 38 05-MAR-2002;
CANON INC
COMMENT OS Artificial Sequence
PN JP 2002065274-A/38
PD 05-MAR-2002
PF 31-AUG-2000 JP 2000263395
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,AKIRA SHIMIZU
PC C12N15/09,C12M1/00,C12M1/40,C12Q1/68,G01N31/22,G01N33/53,PC
G01N33/56,
PC G01N35/02,G01N35/10,G01N37/00,C12N15/00,G01N35/06 CC DNA
probe for hybridizing with gene encoding
mutated p53;named
CC in Table 1
FH Key
FT source 1.18
Location/Qualifiers
/organism="Artificial Sequence".
FEATURES
source
1.18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
 |||||
 DB 18 ATGAACCTGAGGCCCATC 1

RESULT 334
 BD161000 18 bp DNA linear PAT 17-JAN-2003
 LOCUS BD161000/c
 DEFINITION Terminal-labeled probe-array and method for preparing it, and

method for evaluating target mass using the same.
 ACCESSION BD161000
 VERSION BD161000.1 GI:27866758
 KEYWORDS JP 2002153284-A/34.

SOURCE synthetic construct
 ORGANISM artificial sequences.
 1 (bases 1 to 18)

REFERENCE Okamoto, T., Yamamoto, N. and Suzuki, T.
 AUTHORS Terminal-labeled probe-array and method for preparing it, and
 TITLE method for evaluating target mass using the same
 JOURNAL Patent: JP 2002153284-A 34 28-MAY-2002;
 CANON INC

COMMENT OS Artificial Sequence
 PN JP 2002153284-A/34
 PD 28-MAY-2002 JP 2000357446

PI 24-NOV-2000 JP 2000357446
 PI 7ADASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO SUZUKI PC
 C12N15/09, C12Q1/68, G01N31/22, G01N33/53, G01N33/566, G01N37/00, PC
 C12N15/00
 CC Description of Artificial Sequence: Synthesized FH Key

FT Location/Qualifiers
 1. .18
 /organism="Artificial Sequence".

FEATURES
 source 1. .18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
 |||||
 DB 18 ATGAACCTGAGGCCCATC 1

RESULT 335
 BD167495 18 bp DNA linear PAT 17-JAN-2003
 LOCUS BD167495/c
 DEFINITION A method of analyzing a base sequence of a nucleic acid.

ACCESSION BD167495
 VERSION BD167495.1 GI:27873307
 KEYWORDS WO 0233068-A/34.

SOURCE synthetic construct
 ORGANISM artificial sequences.
 1 (bases 1 to 18)

REFERENCE Yamamoto, N., Okamoto, T. and Suzuki, T.
 AUTHORS A method of analyzing a base sequence of a nucleic acid
 TITLE Patent: WO 0233068-A 34 25-APR-2002;
 JOURNAL CANON KK, NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI

COMMENT OS Artificial Sequence
 PN WO 0233068-A/34
 PD 25-APR-2002
 PF 18-OCT-2000 WO 2000JP007244
 PI NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI PC

FEATURES
 source 1. .18
 /organism="Artificial Sequence".
 1 (bases 1 to 18)

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
 |||||
 DB 18 ATGAACCTGAGGCCCATC 1

RESULT 336
 BD176978 18 bp DNA linear PAT 16-APR-2003
 LOCUS BD176978/c
 DEFINITION Method of analyzing nucleic acid base sequence.

ACCESSION BD176978
 VERSION BD176978.1 GI:30014237
 KEYWORDS JP 2002306166-A/34.

SOURCE synthetic construct
 ORGANISM artificial sequences.
 1 (bases 1 to 18)

REFERENCE Yamamoto, N., Okamoto, H. and Suzuki, T.
 AUTHORS Method of analyzing nucleic acid base sequence
 TITLE Patent: JP 2002306166-A 34 22-OCT-2002;
 JOURNAL CANON INC

COMMENT OS Artificial Sequence
 PN JP 2002306166-A/34
 PD 22-OCT-2002

PF 31-AUG-2000 JP 2000263506
 PI NOBUKO YAMAMOTO, HISASHI OKAMOTO, TOMOHIRO SUZUKI PC
 C12N15/09, C12Q1/68, G01N1/00, C12N15/00
 CC Sample origin: nucleotide

FT Location/Qualifiers
 1. .18
 /organism="Artificial Sequence".

FEATURES
 source 1. .18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
 |||||
 DB 18 ATGAACCTGAGGCCCATC 1

RESULT 337
 BD178724 18 bp DNA linear PAT 16-APR-2003
 LOCUS BD178724
 DEFINITION Gene panel for genes involving liver regeneration.
 ACCESSION BD178724
 VERSION BD178724.1 GI:30015991
 KEYWORDS WO 02077222-A/62.

SOURCE synthetic construct
 ORGANISM artificial sequences.
 1 (bases 1 to 18)

AUTHORS Yokoya, F., Okutsu, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H., Aburatani, H., and Sonaka, I.
 TITLE Gene panel for genes involving liver regeneration
 JOURNAL Patent: WO 02077222-A 62 03-OCT-2002;
 AJINOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA
 OS Artificial Sequence
 PN WO 02077222-A/62
 PD 03-OCT-2002
 PF 13-MAR-2002 WO 2002JP002372
 PR 13-MAR-2001 JP 01P 070940
 PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HISAO FUKUDA,
 PI HIROYUKI ABURATANI, ICHIRO SONAKA
 PC C12N01/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC
 Description of Artificial Sequence: primer
 PH Key
 FT source
 1. .18 Location/Qualifiers
 FEATURES Location/Qualifiers
 source 1. .18 /organism="Artificial Sequence"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACACTCCGACTCTGGGC 721
 DB 1 ACTGTTCCGACTCTGGGC 18

RESULT 338
 LOCUS 126840 18 bp DNA linear PAT 07-OCT-1996
 DEFINITION Sequence 63 from patent US 5561041.
 ACCESSION 126840
 VERSION 126840.1 GI:1606710
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Sidransky, D.
 TITLE Nucleic acid mutation detection by analysis of sputum
 JOURNAL Patent: US 5561041-A 63 01-OCT-1996;
 FEATURES Location/Qualifiers
 source 1. .18 /organism="unknown"

BASE COUNT 5 a 6 c 4 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAAGCTCAT 542
 DB 1 CATGAACCTGAGCCCAT 18

RESULT 339
 LOCUS 191581 18 bp DNA linear PAT 01-DEC-1998
 DEFINITION Sequence 63 from patent US 5726019.
 ACCESSION 191581
 VERSION 191581.1 GI:3936051
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Sidransky, D.
 TITLE Analysis of sputum by amplification and detection of mutant nucleic acid sequences
 JOURNAL Patent: US 5726019-A 63 10-MAR-1998;
 FEATURES Location/Qualifiers
 source 1. .18 /organism="unknown"

BASE COUNT 5 a 6 c 4 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAAGCTCAT 542
 DB 1 CATGAACCTGAGCCCAT 18

RESULT 340
 LOCUS AB067849/c 18 bp DNA linear SYN 21-MAY-2003
 DEFINITION Synthetic construct DNA, reverse primer for human STS sts-DIS243 at 1p36.
 ACCESSION AB067849
 VERSION AB067849.1 GI:15128653
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawa, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
 TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
 JOURNAL Genomics 74 (1), 55-70 (2001)
 MEDLINE 21269192
 PUBMED 11374902
 REFERENCE 2 (bases 1 to 18)
 AUTHORS Horii, A.
 TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology/ 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
 FEATURES Location/Qualifiers
 source 1. .18 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

misc_feature 1. .18 /note="reverse primer for human STS sts-DIS243 at 1p36 sts-DIS243 obtained from clones B83K22, B47P3, B43B2, B123D13, B290B2 and B82D16, B226P2, Human BAC library RPC1-11"

BASE COUNT 3 a 6 c 5 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 521 AGCCATGACCTGAAGC 538
 DB 18 AGTCATGACCTGAAGC 1

RESULT 341
 LOCUS AB068799/c 18 bp DNA linear SYN 21-MAY-2003
 DEFINITION Synthetic construct DNA, reverse primer for human STS sts-A004R37 at 1p36.

```

ACCESSION AB068799.1 GI:15129603
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Motohashi, A., Ohira, M., Nakagawa, A., Ito, S., Hoshii, M., Horii, A.
and Soeda, E.
A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL
MEDLINE
21269182
PUBMED
11374902
REFERENCE
2 (bases 1 to 18)
AUTHORS
Horii, A.
JOURNAL
Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-Ku, Sendai,
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
Tel: 81-22-717-8042, Fax: 81-22-717-8047)
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature
1..18
/note="reverse primer for human STS sts-A004R37 at 1p36
sts-A004R37 obtained from clones B127J4, B284O17, Human
BAC library RPCI-11"
LOCATION/Qualifiers

BASE COUNT
3 a 6 c 5 g 4 t

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1211 CCATGAATGCTCTGTGA 1228
Db 18 CCAGAGCTGCACGTGTGA 1

RESULT 342
A35189/c 15 bp DNA linear PAT 10-MAY-1996
LOCUS
DEFINITION
SYNTHETIC crystalline silk gene 5' extension.
ACCESSION
A35189
VERSION
A35189.1 GI:1568385
KEYWORDS
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1 (bases 1 to 15)
AUTHORS
Edwards, R.M., Light, J.A. and Nicholson, K.
TITLE
Improvements in or relating to structural proteins
JOURNAL
Patent: EP 0294979-A 13 14-DEC-1988;
RA Consulting Services Limited
LOCATION/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT
3 a 7 c 2 g 3 t

Query Match
Best Local Similarity 0.9%; Score 13; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1576 GTGCTGAGAG 1588
Db 13 GTGCTGAGAG 1

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RESULT 343
AX419943 16 bp DNA linear PAT 18-JUN-2002
LOCUS
DEFINITION
Sequence 280 from Patent WO0198537.
ACCESSION
AX419943
VERSION
AX419943.1 GI:21524310
KEYWORDS
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1
Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.
TITLE
Nucleic acid accessible hybridization sites
JOURNAL
Patent: WO 0198537-A 280 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source
1..16
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT
1 a 7 c 1 g 7 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1088 TGTTCCTCCCA 1100
Db 4 TGTTCCTCCCA 16

RESULT 344
AR098743/c 17 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION
Sequence 18 from patent US 6077669.
ACCESSION
AR098743
VERSION
AR098743.1 GI:12808509
KEYWORDS
SOURCE
Unknown.
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Little, M.C. and Vonn, G.P.
TITLE
Kit and method for fluorescence based detection assay
JOURNAL
Patent: US 6077669-A 18 20-JUN-2000;
LOCATION/Qualifiers
1..17
/organism="unknown"

BASE COUNT
6 a 4 c 3 g 4 t

Query Match
Best Local Similarity 0.9%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 685 GGATTATTGCTG 697
Db 13 GGATTATTGCTG 1

RESULT 345
AR104984/c 17 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION
Sequence 18 from patent US 6096501.
ACCESSION
AR104984
VERSION
AR104984.1 GI:12818581
KEYWORDS
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Foxall, P.A. and Berger, D.M.
TITLE
Assay for Chlamydia trachomatis by amplification and detection of

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Chlamydia trachomatis cryptic plasmid
 JOURNAL Patent: US 6096501-A 18 01-AUG-2000;
 FEATURES Location/Qualifiers
 SOURCE 1..17
 /organism="unknown"
 BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 346
 ARI45847/c 17 bp DNA linear PAT 08-AUG-2001
 LOCUS Sequence 18 from patent US 6218125.
 DEFINITION ARI45847
 ACCESSION ARI45847
 VERSION ARI45847.1 GI:15109036
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Foxall,P.A. and Berger,D.M.
 TITLE Assay for Chlamydia trachomatis by amplification and detection of
 JOURNAL Chlamydia trachomatis cryptic plasmid
 FEATURES Patent: US 6218125-A 18 17-APR-2001;
 source Location/Qualifiers
 1..17
 /organism="unknown"
 BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 347
 ARI54187/c 17 bp DNA linear PAT 08-AUG-2001
 LOCUS Sequence 27 from patent US 6238668.
 DEFINITION ARI54187
 ACCESSION ARI54187
 VERSION ARI54187.1 GI:15122240
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Carrino,J.J., Gerrie,L.O. and Diver,J.M.
 TITLE Multiplex amplification and separation of nucleic acid sequences
 using ligation-dependent strand displacement amplification and
 JOURNAL bioelectronic chip technology
 FEATURES Patent: US 6238668-A 27 29-MAY-2001;
 source Location/Qualifiers
 1..17
 /organism="unknown"
 BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 348
 ARI75514/c 17 bp DNA linear PAT 17-DEC-2001
 LOCUS Sequence 27 from patent US 6309833.
 DEFINITION ARI75514
 ACCESSION ARI75514
 VERSION ARI75514.1 GI:17916813
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Edman,C.F., Nerenberg,M.I., Westin,L.P. and Carrino,J.J.
 TITLE Multiplex amplification and separation of nucleic acid sequences on
 JOURNAL a bioelectronic microchip using asymmetric structures
 FEATURES Patent: US 6309833-A 27 30-OCT-2001;
 source Location/Qualifiers
 1..17
 /organism="unknown"
 BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 349
 ARI79289/c 17 bp DNA linear PAT 20-APR-2002
 LOCUS Sequence 27 from patent US 6326173.
 DEFINITION ARI79289
 ACCESSION ARI79289
 VERSION ARI79289.1 GI:20220844
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Edman,C.F. and Nerenberg,M.I.
 TITLE Electrically mediated nucleic acid amplification in NASBA
 JOURNAL Patent: US 6326173-A 27 04-DEC-2001;
 FEATURES source Location/Qualifiers
 1..17
 /organism="unknown"
 BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 350
 ARI302769 17 bp DNA linear PAT 12-JUN-2003
 LOCUS Sequence 3 from patent US 6541507.
 DEFINITION ARI302769
 ACCESSION ARI302769
 VERSION ARI302769.1 GI:31691256
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Dalke,M., Galey,J.-B. and Bernard,B.
 TITLE Indolecarboxylic compounds for inducing/stimulating hair growth
 and/or retarding hair loss

JOURNAL Patent: US 6541507-A 3 01-APR-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 3 a 3 c 7 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGCTTCAGTG 1081
Db 5 TGCAGCTTCAGTG 17

RESULT 351
AX210213/c
LOCUS AX210213 17 bp DNA linear PAT 31-AUG-2001
DEFINITION Sequence 20 from Patent WO0157245.
ACCESSION AX210213
VERSION AX210213.1 GI:15424538
KEYWORDS
SOURCE Human immunodeficiency virus 1 (HIV-1)
ORGANISM Human immunodeficiency virus 1
REFERENCE 1
AUTHORS Witvrouw,M., Piktart,V., Pannecoque,C., Cherepanov,P., van
Laethem,K., de Clercq,B., Vandamme,A.M. and Debyser,Z.
Hiv-1 resistance assay
JOURNAL Patent: WO 0157245-A 20 09-AUG-2001;
K.U.Leuven Research & Development (BR)
FEATURES Location/Qualifiers
source 1..17
/organism="Human immunodeficiency virus 1"
/mol_type="Genomic DNA"
/db_xref="taxon:11676"
/note="NI4.3 (Adachi et al., 1986)"
BASE COUNT 5 a 6 c 3 g 3 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TGGAACTTCTGGG 846
Db 15 TGGAACTTCTGGG 3

RESULT 352
AX215713/c
LOCUS AX215713 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1155 from Patent WO0159103.
ACCESSION AX215713
VERSION AX215713.1 GI:15525756
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt,L., McSwiggen,J. and Chowitra,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1155 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowitra, Bharat M. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 4 a 6 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1574 CTGTGCTGCAGCA 1586
Db 15 CTGTGCTGCAGCA 3

RESULT 353
AX216210/c
LOCUS AX216210 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1652 from Patent WO0159103.
ACCESSION AX216210
VERSION AX216210.1 GI:15526253
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt,L., McSwiggen,J. and Chowitra,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1652 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowitra, Bharat M. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 4 a 6 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1574 CTGTGCTGCAGCA 1586
Db 17 CTGTGCTGCAGCA 5

RESULT 354
AX216494/c
LOCUS AX216494 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1936 from Patent WO0159103.
ACCESSION AX216494
VERSION AX216494.1 GI:15526555
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt,L., McSwiggen,J. and Chowitra,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1936 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowitra, Bharat M. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 4 a 6 c 3 g 4 t


```
QY 1574 CTGTCTGCGAGA 1586
DB 14 CTGTCTGCGAGGA 2

RESULT 355
AX216625/c
LOCUS AX216625 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 2067 from Patent WO0159103.
ACCESSION AX216625
VERSION AX216625.1 GI:15526686
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 4 c 5 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1223 CTGTGAAGAGGAT 1235
DB 17 CTGTGAAGAGGAT 5

RESULT 356
AX421784/c
LOCUS AX421784 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 120 from Patent WO0188124.
ACCESSION AX421784
VERSION AX421784.1 GI:21525166
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 8 c 0 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGGAGAT 245
DB 17 TGTGAGAGGAGAT 5

RESULT 357
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AX421785/c
LOCUS AX421785 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 121 from Patent WO0188124.
ACCESSION AX421785
VERSION AX421785.1 GI:21525167
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGGAGAT 245
DB 14 TGTGAGAGGAGAT 2

RESULT 358
AX421786/c
LOCUS AX421786 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 122 from Patent WO0188124.
ACCESSION AX421786
VERSION AX421786.1 GI:21525168
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGGAGAT 245
DB 13 TGTGAGAGGAGAT 1

RESULT 359
AX422401/c
LOCUS AX422401 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 737 from Patent WO0188124.
ACCESSION AX422401
VERSION AX422401.1 GI:21525783
KEYWORDS
SOURCE
Homo sapiens (human)
```

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, P.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 737 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="rRNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 1 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 233 TGTGGAAGAGAT 245
Db 16 TGTGGAAGAGAT 4

RESULT 360
AX422402/c 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX422402
DEFINITION Sequence 738 from Patent WO0188124.
ACCESSION AX422402
VERSION AX422402.1 GI:21525784
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, P.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 738 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
Location/Qualifiers
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/mol_type="rRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 1 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 233 TGTGGAAGAGAT 245
Db 15 TGTGGAAGAGAT 3

RESULT 361
AX499166 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499166
DEFINITION Sequence 473 from Patent EP1229046.
ACCESSION AX499166
VERSION AX499166.1 GI:23381459
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 473 07-AUG-2002;

Neonics, Inc. (US)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 7 c 4 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 418 CGCAGCTTCAGT 430
Db 1 CGCAGCTTCAGT 13

RESULT 362
AX578291/c 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX578291
DEFINITION Sequence 129 from Patent WO0211674.
ACCESSION AX578291
VERSION AX578291.1 GI:27647493
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
JOURNAL Patent: WO 0211674-A 129 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="rRNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 3 c 6 g 7 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 744 CCAGACATCAGC 756
Db 13 CCAGACATCAGC 1

RESULT 363
AX579401/c 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX579401
DEFINITION Sequence 1239 from Patent WO0211674.
ACCESSION AX579401
VERSION AX579401.1 GI:27648603
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
JOURNAL Patent: WO 0211674-A 1239 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
Location/Qualifiers
1..17

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BASE COUNT      5 a      2 c      4 g      6 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      745 CAGAACATCAGCA 757
DB      17 CAGAACATCAGCA 5

RESULT 364
LOCUS    AX673590      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION Sequence 2035 from Patent WO03004526.
ACCESSION AX673590
VERSION   AX673590.1 GI:29331938
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
AUTHORS   Telerman,A., Amson,R. and Tuijinder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversal, apoptosis and/or resistance to viruses and their use as
          medicines
          Patent: WO 03004526-A 2035 16-JAN-2003;
          Molecular Engines Laboratories (FR)
FEATURES
source    1. .17
          /organism="Homo sapiens"
          /mol_type="genomic DNA"
          /db_xref="taxon:9606"

BASE COUNT      3 a      5 c      5 g      4 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1506 GGGCTCAAGGAT 1518
DB      14 GGGCTCAAGGAT 2

RESULT 365
LOCUS    AX727261      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 4948 from Patent WO03025176.
ACCESSION AX727261
VERSION   AX727261.1 GI:30506604
KEYWORDS
SOURCE    Mus musculus (house mouse)
ORGANISM  Mus musculus
REFERENCE 1
AUTHORS   Telerman,A., Amson,R. and Tuijinder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversal, apoptosis and/or virus resistance and their use as
          medicines
          Patent: WO 03025176-A 4948 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES
source    1. .17
          /organism="Mus musculus"
          /mol_type="genomic DNA"
          /db_xref="taxon:10090"

BASE COUNT      5 a      6 c      2 g      3 t      1 others

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Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1448 TCATCTGCCAATCC 1462
DB      3 TCATCTGCCAATCC 17

RESULT 366
LOCUS    AX728721      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 355 from Patent WO03025175.
ACCESSION AX728721
VERSION   AX728721.1 GI:30508064
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
AUTHORS   Telerman,A., Amson,R. and Tuijinder,M.
TITLE     Sequences involved in phenomena of tumour suppression, tumour
          reversal, apoptosis and/or virus resistance and their use as
          medicines
          Patent: WO 03025175-A 355 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES
source    1. .17
          /organism="Homo sapiens"
          /mol_type="genomic DNA"
          /db_xref="taxon:9606"

BASE COUNT      4 a      2 c      6 g      5 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1541 CTGAATCCTGAT 1553
DB      14 CTGAATCCTGAT 2

RESULT 367
LOCUS    E35291/c      17 bp      DNA      linear      PAT 18-JUN-2001
DEFINITION Assay of Chlamydia trachomatis by amplifying and detecting
ACCESSION E35291
VERSION   E35291.1 GI:13019018
KEYWORDS  JP 1999221086-A/18.
SOURCE    unidentified
ORGANISM  unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS   Paul,A.F. and Dororesu,M.B.
TITLE     Assay of Chlamydia trachomatis by amplifying and detecting
          Chlamydia trachomatis-latent plasmid
          Patent: JP 1999221086-A 18 17-AUG-1999;
          BECTON DICKINSON & CO
JOURNAL
COMMENT   OS Unidentified
          PD JP 1999221086-A/18
          PN 17-AUG-1999
          PF 04-NOV-1998 JP 1998312798
          PR 04-NOV-1997 US 08/963927
          PI PAT. A ROKUSOUT, DORORESU M BAGA
          PC C12N15/09,C12Q1/04,C12Q1/68,G01N33/569,G01N33/571,C12N15/00 CC
          Strandedness: Single;
          CC Topology: linear;
          FH Key
          FT source
          Location/Qualifiers
          1. .17
          /organism="Unidentified".

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source
1. .17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT      6 a      4 c      3 g      4 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      685 GGATTATTGCTG 697
Db      13 GGATTATTGCTG 1

RESULT 368
E35702/c
LOCUS      E35702      17 bp      DNA      linear      PAT 18-JUN-2001
DEFINITION Detection assay with the use of fluorescence and kit therefor.
ACCESSION  E35702
VERSION     E35702.1 GI:13019174
KEYWORDS    JP 1999225799-A/18.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Michael,C.L. and Gren,P.V.
TITLE       Detection assay with the use of fluorescence and kit therefor
JOURNAL     Patent: JP 1999225799-A 18 24-AUG-1999;
            BECTON DICKINSON & CO
COMMENT     OS Artificial Sequence
            PN JP 1999225799-A/18
            PD 24-AUG-1999
            PE 04-NOV-1998 JP 1998312790
            PR 04-NOV-1997 US 08/964020
            PT MICHAEL C LITTLE, GREEN P VONG
            PC C12Q1/68,G01N21/78,G01N33/50//C12N15/09,C12N15/00 CC
            FH Key
            FT source
            1. .17
            /organism="Artificial Sequence".
FEATURES
source
1. .17
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      6 a      4 c      3 g      4 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      685 GGATTATTGCTG 697
Db      13 GGATTATTGCTG 1

RESULT 369
AR076370
LOCUS      AR076370      18 bp      DNA      linear      PAT 30-AUG-2000
DEFINITION Sequence 37 from patent US 5958772.
ACCESSION  AR076370
VERSION     AR076370.1 GI:10003116
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Bennett,C.Frank., Ackermann,B.J. and Cowsert,L.M.
TITLE       Antisense inhibition of cellular inhibitor of apoptosis-1
            expression
JOURNAL     Patent: US 5958772-A 37 28-SEP-1999;
            Location/Qualifiers
            1. .18
            source

JOURNAL     Patent: US 5958772-A 37 28-SEP-1999;
            Location/Qualifiers
            1. .18
            source

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BASE COUNT      6 a      5 c      1 g      6 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      632 TGAATCTCATCA 644
Db      6 TGAATCTCATCA 18

RESULT 370
AR106868/c
LOCUS      AR106868      18 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 29 from patent US 6107092.
ACCESSION  AR106868
VERSION     AR106868.1 GI:12821398
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Cowsert,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE       Antisense modulation of SRA expression
JOURNAL     Patent: US 6107092-A 29 22-AUG-2000;
            Location/Qualifiers
            1. .18
            source

BASE COUNT      3 a      5 c      5 g      5 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1550 TGATGACATCAGC 1562
Db      18 TGATGACATCAGC 6

RESULT 371
AR106903/c
LOCUS      AR106903      18 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 64 from patent US 6107092.
ACCESSION  AR106903
VERSION     AR106903.1 GI:12821433
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Cowsert,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE       Antisense modulation of SRA expression
JOURNAL     Patent: US 6107092-A 64 22-AUG-2000;
            Location/Qualifiers
            1. .18
            source

BASE COUNT      3 a      5 c      5 g      5 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1550 TGATGACATCAGC 1562
Db      17 TGATGACATCAGC 5

RESULT 372
AR137991/c
LOCUS      AR137991      18 bp      DNA      linear      PAT 16-JUN-2001
DEFINITION Sequence 1 from patent US 6197584.
ACCESSION  AR137991

```

VERSION AR137991.1 GI:14479500
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank, and Cowseart,L.M.
TITLE Antisense modulation of CD40 expression
JOURNAL Patent: US 6197584-A 1 06-MAR-2001,
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 4 a 7 c 6 g 1 t

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGGTCTCTGCCGC 1306
DB 17 GTGGTCTCTGCCGC 5

RESULT 373
AX119384 18 bp DNA linear PAT 11-MAY-2001
LOCUS AX119384
DEFINITION Sequence 41 from Patent WO0129251.
ACCESSION AX119384
VERSION AX119384.1 GI:14036303
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Mesisaen,L. and Callens,T.
TITLE Improved mutation analysis of the nfi gene
JOURNAL Patent: WO 0129251-A 41 26-APR-2001;
FEATURES Location/Qualifiers
source 1..18
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 3 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 220 CTGTCTCTCAACA 232
DB 5 CTGTCTCTCAACA 17

RESULT 374
AX357001/c 18 bp DNA linear PAT 13-FEB-2002
LOCUS AX357001
DEFINITION Sequence 43 from Patent WO0206523.
ACCESSION AX357001
VERSION AX357001.1 GI:18674197
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
JOURNAL
FEATURES Location/Qualifiers
source 1..18

RESULT 375
A42666/c 16 bp DNA linear PAT 06-MAR-1997
LOCUS A42666
DEFINITION Sequence 185 from Patent WO9502051.
ACCESSION A42666
VERSION A42666.1 GI:2298115
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Schlingensiepen,G., Schlingensiepen,R., Schlingensiepen,K. and
TITLE Brysch,W.
JOURNAL A PHARMACEUTICAL COMPOSITION COMPRISING ANTISENSE-NUCLEIC ACID FOR
COMMENT PREVENTION AND/OR TREATMENT OF NEURONAL INJURY, DEGENERATION AND
BIOGENOSIS GBS FUEER BIOMOLEKUL (DB)
FEATURES Other publication AU 7345694 950206.
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 741 GGTCAGAACATCAGC 756
DB 16 GGTCAGAACATCAGC 1

RESULT 376
A88856/c 16 bp DNA linear PAT 22-JAN-2000
LOCUS A88856
DEFINITION Sequence 1004 from Patent WO9833904.
ACCESSION A88856
VERSION A88856.1 GI:6737426
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1004 06-AUG-1998;
FEATURES BIOGENOSIS GBS (DB); BRYSCH WOLFGANG (DB)
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;

BASE COUNT 2 a 6 c 4 g 6 t

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1229 AACTGAGCTGAG 1241
DB 13 AACTGAGCTGAG 1

RESULT 375
A42666/c 16 bp DNA linear PAT 06-MAR-1997
LOCUS A42666
DEFINITION Sequence 185 from Patent WO9502051.
ACCESSION A42666
VERSION A42666.1 GI:2298115
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Schlingensiepen,G., Schlingensiepen,R., Schlingensiepen,K. and
TITLE Brysch,W.
JOURNAL A PHARMACEUTICAL COMPOSITION COMPRISING ANTISENSE-NUCLEIC ACID FOR
COMMENT PREVENTION AND/OR TREATMENT OF NEURONAL INJURY, DEGENERATION AND
BIOGENOSIS GBS FUEER BIOMOLEKUL (DB)
FEATURES Other publication AU 7345694 950206.
source Location/Qualifiers
1..16
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 741 GGTCCAGACATCAGC 756
 Db 16 GGTCCAGACATCAGC 1

RESULT 177
 AR057389
 LOCUS AR057389 16 bp DNA
 DEFINITION Sequence 1593 from patent US 5837542.
 ACCESSION AR057389
 VERSION AR057389.1 GI:5982966
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE
 AUTHORS 1 (bases 1 to 16)
 Grimm,S., Stinchcomb,D.T., McSwigen,J., Sullivan,S. and Draper,K.G.
 TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
 JOURNAL Patent: US 5837542-A 1593 17-NOV-1998;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGAGGCC 906
 Db 1 CTACAGCCCGAGGCC 16

RESULT 378
 AR115147
 LOCUS AR115147 16 bp DNA
 DEFINITION Sequence 1593 from patent US 6132967.
 ACCESSION AR115147
 VERSION AR115147.1 GI:14095469
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE
 AUTHORS 1 (bases 1 to 16)
 Grimm,S., Stinchcomb,D.T., McSwigen,J., Sullivan,S. and Draper,K.G.
 TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
 JOURNAL Patent: US 6132967-A 1593 17-OCT-2000;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGAGGCC 906
 Db 1 CTACAGCCCGAGGCC 16

RESULT 379
 AR243246
 LOCUS AR243246 16 bp DNA
 DEFINITION Sequence 12 from patent US 6475768.
 ACCESSION AR243246
 VERSION AR243246.1 GI:27290391
 KEYWORDS

SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE
 AUTHORS 1 (bases 1 to 16)
 Otero,R.R.C., Gardonyi,M., Hahn-Hagerdal,B., van Zyl,W.H. and Dackehag,B.A.V.
 TITLE Xylose isomerase with improved properties
 JOURNAL Patent: US 6475768-A 12 05-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 9 c 2 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGA 511
 Db 16 GGTGCGCGGTGATGA 1

RESULT 380
 AX634447
 LOCUS AX634447 16 bp mRNA
 DEFINITION Sequence 1586 from Patent EP1260586.
 ACCESSION AX634447
 VERSION AX634447.1 GI:28470061
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE
 AUTHORS 1
 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., Mcswigen,J.A., Modak,A., Pavco,P., Belgelman,L., Sullivan,S.M., Svedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and Woolf,T.
 TITLE Method and reagent for inhibiting the expression of disease related genes
 JOURNAL Patent: EP 1260586-A 1586 27-NOV-2002;
 FEATURES PHARMACEUTICALS, INC. (US)
 source 1..16
 /organism="unidentified"
 /mol_type="mRNA"
 /db_xref="taxon:32644"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGAGGCC 906
 Db 1 CTACAGCCCGAGGCC 16

RESULT 381
 BD066369
 LOCUS BD066369 16 bp DNA
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD066369
 VERSION BD066369.1 GI:22611972
 KEYWORDS JP 2001511000-A/1004.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE
 AUTHORS 1 (bases 1 to 16)
 Schlingensiepen,K.H. and Brysch,W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 1004 07-AUG-2001;
 BIOLOGISCHES INSTITUT FÜR BIOMOLEKULARE DIAGNOSTIK MBH

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COMMENT      OS      Unknown
              PN      JP 2001511000-A/1004
              PD      07-AUG-2001
              PF      30-JAN-1998 JP 1998532533
              PR      31-JAN-1997 EP 97101531.8
              PI      KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCCH
              PC      C12N15/11,C07H21/04,A61K13/70
              CC      An antisense oligonucleotide preparation method FH
              PT      Location/Qualifiers
              FT      source
                  1..16
                  Location/Qualifiers
                  1..16
                  /organism='Unknown'

BASE COUNT   3 a      4 c      3 g      6 t

Query Match   0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      741 GGTCCAGACATCAGC 756
Db      |||||
        16 GGTCAAGACATTAGC 1

RESULT 382
LOCUS      AX688732/c      17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 1464 from Patent EP1281758.
ACCESSION  AX688732
VERSION     AX688732.1 GI:29411436
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL      Patent: EP 1281758-A 1464 05-FEB-2003;
FEATURES
source
    1..17
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

BASE COUNT   4 a      6 c      5 g      2 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      1064 GCACCTGCAGGTTGAG 1079
Db      |||||
        16 GCACCTGCAGGTTGCTG 1

RESULT 383
LOCUS      AX688731/c      17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 1463 from Patent EP1281758.
ACCESSION  AX688731
VERSION     AX688731.1 GI:29411435
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.

```

```

TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL      Patent: EP 1281758-A 1463 05-FEB-2003;
FEATURES
source
    1..17
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

BASE COUNT   3 a      6 c      6 g      2 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      1064 GCACCTGCAGGTTGAG 1079
Db      |||||
        17 GCACCTGCAGGTTGCTG 2

RESULT 384
LOCUS      A06306/c      17 bp      DNA      linear      PAT 15-JUL-1993
DEFINITION Oligonucleotide.
ACCESSION  A06306
VERSION     A06306.1 GI:412819
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
            1 (bases 1 to 17)
REFERENCE
AUTHORS     Scholmeier,K., Moeller,A., Koerwer,W., Doerper,T., Hillen,H.,
            Daum,L., Emiling,F. and Keilhauer,G.
JOURNAL      Polyptides: their preparation and their use
            Patent: EP 0250000-A 3 23-DEC-1987;
            BASF Artlengesellschaft
            Location/Qualifiers
            1..17
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

BASE COUNT   1 a      9 c      3 g      4 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY      318 GCCGACGTTGCCGAG 333
Db      |||||
        17 GCCGACGTTGCCAGAG 2

RESULT 385
LOCUS      A84875/c      17 bp      DNA      linear      PAT 21-JAN-2000
DEFINITION Sequence 24 from Patent WO9844106.
ACCESSION  A84875
VERSION     A84875.1 GI:6733723
KEYWORDS
SOURCE      unidentified
            unidentified
            unclassified.
            1 (bases 1 to 17)
REFERENCE
AUTHORS     Maebler,G. and Bonny,C.
JOURNAL      TRANSCRIPTION FACTOR ISLET-BRAIN 1 (IB1)
            Patent: WO 9844106-A 24 08-OCT-1998;
            WABER GERARD (CH); NICOD PASCAL (CH)
FEATURES
source
    1..17
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

BASE COUNT   2 a      3 c      7 g      5 t

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Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 390 CAACGACCCGTCTCC 405
DB 16 CAACGACCCGTCTCC 1

RESULT 386
LOCUS AR039615 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 463 from patent US 5807743.
ACCESSION AR039615
VERSION AR039615.1 GI:5958978
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McGSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 463 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 0 a 10 c 0 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1090 TTTCTCTCCCATCTCTC 1105
DB 2 TTTCTCTCCCATCTCTC 17

RESULT 387
LOCUS AR039631 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 479 from patent US 5807743.
ACCESSION AR039631
VERSION AR039631.1 GI:5958994
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McGSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 479 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 3 a 8 c 1 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1003 TCCATCTACCCACCCA 1018
DB 2 TCCATCTACCCACCCA 17

RESULT 388
LOCUS AR045771 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 564 from patent US 5817796.
ACCESSION AR045771
VERSION AR045771.1 GI:5967236
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McGSwiggen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 564 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 6 a 2 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 746 AGAAGATCTGACGAGAT 761
DB 2 AGAAGATCTGACGAGAT 17

RESULT 389
LOCUS AR046640 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1433 from patent US 5817796.
ACCESSION AR046640
VERSION AR046640.1 GI:5968105
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McGSwiggen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1433 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 6 a 4 c 4 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1546 TCCCTGATGACATCAG 1561
DB 17 TCCCTGATGACATCAG 2

RESULT 390
LOCUS AR147796 17 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 3 from patent US 6225049.
ACCESSION AR147796
VERSION AR147796.1 GI:15111886
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Ian,M.S. and Nockins,A.L.
TITLE Human insulinoma-associated cDNA
JOURNAL Patent: US 6225049-A 3 01-MAY-2001;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 663 GTTCCCTTCAAGAC 678

Db 1 ||||| 16
1 GTCCCTGCACTAC 16

RESULT 391
ARI73373
LOCUS ARI73373 17 bp DNA 11linear PAT 17-DEC-2001
DEFINITION Sequence 7 from patent US 6303847.
ACCESSION ARI73373
VERSION ARI73373.1 GI:117912864
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Kawaoka, A. and Ebihama, H.
TITLE DNA encoding a transcription factor controlling phenylpropanoid biosynthesis pathway
JOURNAL Patent: US 6303847-A 7 16-OCT-2001;
FEATURES Location/Qualifiers
source 1..17
BASE COUNT 4 a 8 c 0 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 CTCACACTCCGACT 715
Db 2 CTCACACTCCGACT 17

RESULT 392
ARI86628
LOCUS ARI86628 17 bp DNA 11linear PAT 20-APR-2002
DEFINITION Sequence 2116 from patent US 6346398.
ACCESSION ARI86628
VERSION ARI86628.1 GI:20232593
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwigen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2116 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
BASE COUNT 3 a 2 c 8 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 AAGAGTCAGGGGTGT 946
Db 2 AAGAGTCAGGGGTGT 17

RESULT 393
ARI92425
LOCUS ARI92425 17 bp DNA 11linear PAT 20-APR-2002
DEFINITION Sequence 7913 from patent US 6346398.
ACCESSION ARI92425
VERSION ARI92425.1 GI:20238390
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)

AUTHORS Pavco, P., McSwigen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7913 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1098 CCATCCTCACTTCCTC 1113
Db 2 CCATCCTCACTTCCTC 17

RESULT 394
ARI95653
LOCUS ARI95653 17 bp DNA 11linear PAT 20-APR-2002
DEFINITION Sequence 118 from patent US 6350934.
ACCESSION ARI95653
VERSION ARI95653.1 GI:20245090
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Zwick, M.G., Edington, B.E., McSwigen, J.A., Merlo, P. Ann. Owens, J.
TITLE Nucleic acid encoding delta-9 desaturase
JOURNAL Patent: US 6350934-A 118 26-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 438 CTCAGTCCACGCGC 453
Db 1 CTCAGTCCACGCGC 16

RESULT 395
ARI96291
LOCUS ARI96291 17 bp DNA 11linear PAT 20-APR-2002
DEFINITION Sequence 756 from patent US 6350934.
ACCESSION ARI96291
VERSION ARI96291.1 GI:20245728
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Zwick, M.G., Edington, B.E., McSwigen, J.A., Merlo, P. Ann. Owens, J.
TITLE Nucleic acid encoding delta-9 desaturase
JOURNAL Patent: US 6350934-A 756 26-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 635 ATCTCATCAAGTA 650
Db 1 ATCTCATCAAGTA 17

Db 2 ATCTGCTCAACAAGTA 17

RESULT 396
 AX099953
 LOCUS AX099953 17 bp DNA linear PAT 02-APR-2001
 DEFINITION Sequence 13 from Patent WO0120034.
 ACCESSION AX099953
 VERSION AX099953.1 GI:13538963
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 AUTHORS Voss, J. and Timm, J.
 TITLE Methods and compositions for the screening of cell cycle modulators
 JOURNAL Patent: WO 0120034-A 13 22-MAR-2001;
 BASF AKTIENGESSELLSCHAFT (DB)
 FEATURES
 source 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1575 TGTGCTGCGAAGCA 1590
 |||||
 1 TCTTTTGCAGAGCA 16

RESULT 397
 AX214582 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS AX214582
 DEFINITION Sequence 24 from Patent WO0159103.
 ACCESSION AX214582
 VERSION AX214582.1 GI:15524625
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE
 AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
 JOURNAL Patent: WO 0159103-A 24 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwigen, James (US); Chowrira, Bharat M. (US)
 FEATURES
 source 1.17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"

BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 670 TTCAGAGCAAGTTG 685
 |||||
 2 TTCAAGTACCAAGTTG 17

RESULT 398
 AX215437 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS AX215437
 DEFINITION Sequence 879 from Patent WO0159103.

ACCESSION AX215437 GI:15525480
 VERSION AX215437.1
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE
 AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
 JOURNAL Patent: WO 0159103-A 879 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwigen, James (US); Chowrira, Bharat M. (US)
 FEATURES
 source 1.17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1332 CATGAGGCGGAGACT 1347
 |||||
 16 CTTGAGGCGGAGACT 1

RESULT 399
 AX215516 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS AX215516
 DEFINITION Sequence 958 from Patent WO0159103.
 ACCESSION AX215516
 VERSION AX215516.1 GI:15525559
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE
 AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
 JOURNAL Patent: WO 0159103-A 958 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwigen, James (US); Chowrira, Bharat M. (US)
 FEATURES
 source 1.17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"

BASE COUNT 2 a 5 c 5 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1231 CTGAGCTGAGGCTCT 1246
 |||||
 2 CTGAGCTGAGGCTCT 17

RESULT 400
 AX215976 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS AX215976
 DEFINITION Sequence 1418 from Patent WO0159103.
 ACCESSION AX215976
 VERSION AX215976.1 GI:15526019
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct

REFERENCE 1 artificial sequences.
 AUTHORS Blatt, L., McSwiggen, J., and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and
 JOURNAL nogo gene expression
 Patent: WO 0159103-A 1418 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwiggen, James (US) ; Chowrira, Bharat M. (US)
 FEATURES
 source 1. .17
 /organism="synthetic construct"
 /mol_type="mrna"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 0 a 8 c 4 g 5 t
 Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1321 GAGAGCGGCGCCATGG 1336
 Db 17 GAGAGCGGCGCCAAAG 2

RESULT 401
 LOCUS AX216158 17 bp mRNA linear PAT 07-SEP-2001
 DEFINITION Sequence 1600 from Patent W00159103.
 ACCESSION AX216158
 VERSION AX216158.1 GI:15526201
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and
 JOURNAL nogo gene expression
 Patent: WO 0159103-A 1600 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwiggen, James (US) ; Chowrira, Bharat M. (US)
 FEATURES
 source 1. .17
 /organism="synthetic construct"
 /mol_type="mrna"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 2 a 5 c 5 g 5 t
 Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1231 CTGCAGCTGAGCCTCT 1246
 Db 1 CTGCAGCTGAGCCTGT 16

RESULT 402
 LOCUS AX218216 17 bp mRNA linear PAT 07-SEP-2001
 DEFINITION Sequence 3658 from Patent W00159103.
 ACCESSION AX218216
 VERSION AX218216.1 GI:15528277
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
 TITLE Method and reagent for the modulation and diagnosis of cd20 and
 JOURNAL nogo gene expression

JOURNAL Patent: WO 0159103-A 3658 16-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwiggen, James (US) ; Chowrira, Bharat M. (US)
 FEATURES
 source 1. .17
 /organism="synthetic construct"
 /mol_type="mrna"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 5 a 2 c 5 g 5 t
 Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TCATGACTCTCTGAGTC 878
 Db 17 TCATAACTCTCTGAGTC 2

RESULT 403
 LOCUS AX226916 17 bp mRNA linear PAT 10-SEP-2001
 DEFINITION Sequence 288 from Patent W00157206.
 ACCESSION AX226916
 VERSION AX226916.1 GI:15556057
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
 TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
 1) enzyme
 Patent: WO 0157206-A 288 09-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
 FEATURES
 source 1. .17
 /organism="synthetic construct"
 /mol_type="mrna"
 /db_xref="taxon:32630"
 BASE COUNT 4 a 5 c 1 g 7 t
 Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 TTGGACAACTGGGAA 1283
 Db 16 TTGGATTAACAGGGAA 1

RESULT 404
 LOCUS AX227231 17 bp mRNA linear PAT 10-SEP-2001
 DEFINITION Sequence 603 from Patent W00157206.
 ACCESSION AX227231
 VERSION AX227231.1 GI:15556372
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
 TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
 1) enzyme
 Patent: WO 0157206-A 603 09-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
 FEATURES
 source 1. .17
 /organism="synthetic construct"
 /mol_type="mrna"
 /db_xref="taxon:32630"

BASE COUNT 1 a 4 c 5 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTGACTCTTGCGAT 810
|||||
2 GGTGACTCTCGGCTT 17

RESULT 405
AX227232 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX227232
DEFINITION Sequence 604 from Patent WO0157206.
ACCESSION AX227232
VERSION AX227232.1 GI:15556373
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 1 a 5 c 3 g 8 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 797 TTGACTCTGCGATTC 812
|||||
1 TTGACTCTCGGCTTC 16

RESULT 406
AX227407 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX227407
DEFINITION Sequence 779 from Patent WO0157206.
ACCESSION AX227407
VERSION AX227407.1 GI:15556548
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 1 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1269 TGGACAACTGGGANG 1284
|||||
17 TGGATTAACGAGANG 2

RESULT 407
AX250512/c 17 bp DNA linear PAT 05-OCT-2001
LOCUS AX250512
DEFINITION Sequence 28 from Patent WO0168864.
ACCESSION AX250512
VERSION AX250512.1 GI:15984259
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Novozymes A/S (DK)
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="P811"

BASE COUNT 2 a 4 c 7 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 GGCTGCGCATCCATG 918
|||||
16 GGCGAGCCATTCATG 1

RESULT 408
AX272586 17 bp mRNA linear PAT 29-OCT-2001
LOCUS AX272586
DEFINITION Sequence 155 from Patent WO0162911.
ACCESSION AX272586
VERSION AX272586.1 GI:16545323
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 882 GCTGAGTTCTACAC 897
|||||
1 GCTGGGCTTCACAC 16

RESULT 409
AX319358 17 bp DNA linear PAT 14-DEC-2001
LOCUS AX319358
DEFINITION Sequence 30 from Patent WO0172783.
ACCESSION AX319358

```

VERSION      AXJ19358.1 GI:17901145
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE     1
AUTHORS      Penttila,M.E., Ward,M., Wang,H., Valkonen,M.J. and Salohelmo,M.L.
TITLE        Production of secreted proteins by recombinant eukaryotic cells
JOURNAL      PATENT: WO 0172783-A 30 04-OCT-2001;
              GENENCOR INTERNATIONAL, INC. (US)
FEATURES     location/Qualifiers
              1..17
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"
              /note="primer"

BASE COUNT   3 a      2 c      6 g      6 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      381 CTTCAACAACAACGAC 396
DB      16 CTTCAACAACAACGAC 1

RESULT 410
AXJ25921/C
LOCUS      AXJ25921
DEFINITION Sequence 2059 from Patent WO0192512.
ACCESSION  AXJ25921
VERSION     AXJ25921.1 GI:18096681
KEYWORDS   .
SOURCE     Zea mays
ORGANISM   Zea mays
REFERENCE   1
AUTHORS     Kmetec,B.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE       Targeted chromosomal genomic alterations in plants using modified
JOURNAL     single stranded oligonucleotides
            Patent: WO 0192512-A 2059 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES    location/Qualifiers
            1..17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:4577"

BASE COUNT   5 a      6 c      5 g      1 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1432 CTGCTGCTGCTCCCTG 1447
DB      17 CTGCTGCTGCTCCCTG 2

RESULT 411
AXJ325922
LOCUS      AXJ325922
DEFINITION Sequence 2060 from Patent WO0192512.
ACCESSION  AXJ325922
VERSION     AXJ325922.1 GI:18096682
KEYWORDS   .
SOURCE     Zea mays
ORGANISM   Zea mays
REFERENCE   1
AUTHORS     Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoidae; Andropogoneae; Zea.
FEATURES    location/Qualifiers
            1..17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:4577"

BASE COUNT   5 a      6 c      5 g      1 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1432 CTGCTGCTGCTCCCTG 1447
DB      17 CTGCTGCTGCTCCCTG 2

RESULT 412
AXJ23713/C
LOCUS      AXJ23713
DEFINITION Sequence 2049 from Patent WO0188124.
ACCESSION  AXJ23713
VERSION     AXJ23713.1 GI:21527095
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Jasty,T., von Carlwitzer,I., Mcswigen,J.A., McLaughlin,F.G. and
            Randi,A.M.
TITLE       Method and reagent for the inhibition of erg
JOURNAL     Patent: WO 0188124-A 2049 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES    location/Qualifiers
            1..17
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"

BASE COUNT   7 a      3 c      6 g      1 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1089 GTTCTCTCCCATCCT 1104
DB      17 GTTCTCTCCCATCCT 2

RESULT 413
AXJ75122/C
LOCUS      AXJ75122
DEFINITION Sequence 343 from Patent WO0224750.
ACCESSION  AXJ75122
VERSION     AXJ75122.1 GI:22214407
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Human kidney tumor overexpressed membrane protein 1
            Patent: WO 0224750-A 343 28-MAR-2002;
            Aecmica, Inc. (US)
FEATURES    location/Qualifiers
            1..17

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```

REFERENCE     1
AUTHORS       Kmetec,B.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE         Targeted chromosomal genomic alterations in plants using modified
JOURNAL       single stranded oligonucleotides
              Patent: WO 0192512-A 2060 06-DEC-2001;
              UNIVERSITY OF DELAWARE (US)
FEATURES      location/Qualifiers
              1..17
              /organism="Zea mays"
              /mol_type="genomic DNA"
              /db_xref="taxon:4577"

BASE COUNT    1 a      5 c      6 g      5 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1432 CTGCTGCTGCTCCCTG 1447
DB      1 CTGCTGCTGCTCCCTG 16

RESULT 412
AXJ23713/C
LOCUS      AXJ23713
DEFINITION Sequence 2049 from Patent WO0188124.
ACCESSION  AXJ23713
VERSION     AXJ23713.1 GI:21527095
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Jasty,T., von Carlwitzer,I., Mcswigen,J.A., McLaughlin,F.G. and
            Randi,A.M.
TITLE       Method and reagent for the inhibition of erg
JOURNAL     Patent: WO 0188124-A 2049 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES    location/Qualifiers
            1..17
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"

BASE COUNT    7 a      3 c      6 g      1 t

Query Match   0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1089 GTTCTCTCCCATCCT 1104
DB      17 GTTCTCTCCCATCCT 2

RESULT 413
AXJ75122/C
LOCUS      AXJ75122
DEFINITION Sequence 343 from Patent WO0224750.
ACCESSION  AXJ75122
VERSION     AXJ75122.1 GI:22214407
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Human kidney tumor overexpressed membrane protein 1
            Patent: WO 0224750-A 343 28-MAR-2002;
            Aecmica, Inc. (US)
FEATURES    location/Qualifiers
            1..17

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RESULT 418			
AX499485/c			
LOCUS			
DEFINITION			
AX499485	17 bp	DNA	
Sequence 792 from Patent Epi1229046.		linear	PAT 27-SEP-2002

ACCESSION AX499485
VERSION AX499485.1 GI:23381778
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 792 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 8 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 416 ACCGACCTTCAGTT 431
Db 16 ACCGCGCGTCAGTT 1
RESULT 419
AX500279 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX500279
DEFINITION Sequence 1586 from Patent EP1229046.
ACCESSION AX500279
VERSION AX500279.1 GI:23382572
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1586 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 479 CCAACATCTGCTT 494
Db 2 CTAACATCTGCTT 17
RESULT 420
AX500280 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX500280
DEFINITION Sequence 1587 from Patent EP1229046.
ACCESSION AX500280
VERSION AX500280.1 GI:23382573
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1587 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 8 g 2 t

TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1587 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 479 CCAACATCTGCTT 494
Db 1 CTAACATCTGCTT 16
RESULT 421
AX527121 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527121/c
DEFINITION Sequence 151 from Patent WO0226818.
ACCESSION AX527121
VERSION AX527121.1 GI:25171736
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human need-1
JOURNAL Patent: WO 0226818-A 151 04-APR-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 4 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1249 ATGAATCTGCGAG 1264
Db 17 ATGAATCTACCGAG 2
RESULT 422
AX527123 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527123/c
DEFINITION Sequence 153 from Patent WO0226818.
ACCESSION AX527123
VERSION AX527123.1 GI:25171738
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human need-1
JOURNAL Patent: WO 0226818-A 153 04-APR-2002;
Aeomica, Inc. (US)
FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1248 CATGAATCTGTCGCA 1263

Db 16 CATGAATCTACCGCA 1

RESULT 423
AX531966/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531966
DEFINITION Sequence 1475 from Patent EP1239051.
ACCESSION AX531966
VERSION AX531966.1 GI:25255701
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1475 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 523 CCCATGACCTGAGC 538

Db 17 CCCAGACCTGAGC 2

RESULT 424
AX531967/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531967
DEFINITION Sequence 1476 from Patent EP1239051.
ACCESSION AX531967
VERSION AX531967.1 GI:25255703
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1476 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 523 CCCATGACCTGAGC 538

Db 16 CCCAGACCTGAGC 1

RESULT 425
AX532585/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532585
DEFINITION Sequence 2094 from Patent EP1239051.
ACCESSION AX532585
VERSION AX532585.1 GI:25256932
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2094 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 7 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1124 CGGTTCTGCGAGAGC 1139

Db 17 CGGTTTGGCAGAGC 2

RESULT 426
AX532586/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532586
DEFINITION Sequence 2095 from Patent EP1239051.
ACCESSION AX532586
VERSION AX532586.1 GI:25256934
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2095 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1124 CGGTTCTGCGAGAGC 1139

Db 16 CGGTTTGGCAGAGC 1

RESULT 427
AX565517/c 17 bp DNA linear PAT 29-NOV-2002
LOCUS AX565517
DEFINITION Sequence 6 from Patent WO02077228.
ACCESSION AX565517
VERSION AX565517.1 GI:26000867
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.
TITLE Gene involved in V(d) recombination and/or dna repair
JOURNAL Patent: WO 02077228-A 6 03-OCT-2002;
INSERM (E.P.S.T.) (FR)

FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer EX1R1"

BASE COUNT 3 a 3 c 8 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1168 GCACACTCTGTGTC 1183
DB 16 GCACACGCTGTGCC 1

RESULT 428
LOCUS AX573352 17 bp DNA linear PAT 29-NOV-2002
DEFINITION Sequence 6 from Patent WO02077026.
ACCESSION AX573352
VERSION AX573352.1 GI:26005235
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.
TITLE Gene involved in V(d) recombination and/or dna repair
JOURNAL Patent: WO 02077026-A 6 03-OCT-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR)

FEATURES
source
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer EX1R1"

BASE COUNT 3 a 3 c 8 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1168 GCACACTCTGTGTC 1183
DB 16 GCACACGCTGTGCC 1

RESULT 429
LOCUS AX578322 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 160 from Patent WO0211674.
ACCESSION AX578322
VERSION AX578322.1 GI:27647524
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Thompson,J., Mcswigen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.
TITLE Method and reagent for the inhibition of calcium activated chloride channel-1 (cica-1)

JOURNAL Patent: WO 0211674-A 160 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 2 c 2 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1471 GAGAAATGCTATTAT 1486
DB 2 GAGAAATCTACTTAT 17

RESULT 430
LOCUS AX578323 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 161 from Patent WO0211674.
ACCESSION AX578323
VERSION AX578323.1 GI:27647525
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Thompson,J., Mcswigen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.
TITLE Method and reagent for the inhibition of calcium activated chloride channel-1 (cica-1)
JOURNAL Patent: WO 0211674-A 161 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 3 c 2 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1471 GAGAAATGCTATTAT 1486
DB 1 GAGAAATCTACTTAT 16

RESULT 431
LOCUS AX616051 17 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 858 from Patent EP1262488.
ACCESSION AX616051
VERSION AX616051.1 GI:28447097
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcc1-domain containing protein
JOURNAL Patent: BP 1262488-A 858 04-DEC-2002;
Aeomica, Inc. (US)

FEATURES
source
1. .17
/organism="Homo sapiens"

BASE COUNT 4 a 2 c 5 g 6 t
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 GCAACATCAGCTTCAA 386
DB 17 GCAGCATCATCTTCAA 2

RESULT 432
LOCUS AX616888 17 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 23 from Patent WO02095033.
ACCESSION AX616888
VERSION AX616888.1 GI:28447721
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Raoult, D. and Drancourt, M.
TITLE Sequence of the tropheryma whippellii bacteria rpoB gene and oligonucleotide for molecular diagnosis of whippell's disease
JOURNAL Patent: WO 02095033-A 23 28-NOV-2002; Universite de la Mediterranee, Aix-Marseille II (FR)
LOCATION/Qualifiers 1. 17
FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="SEQUENCE DESCRIPTION artificielle:amorce"

BASE COUNT 5 a 6 c 2 g 4 t
0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 ACCTTCACACACACG 394
DB 1 ACCTTCATCATCACG 16

RESULT 433
LOCUS AX648951 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 791 from Patent EP1273660.
ACCESSION AX648951
VERSION AX648951.1 GI:29151769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 791 08-JAN-2003; Aeonica, Inc. (US)
LOCATION/Qualifiers 1. 17
FEATURES
source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t
0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 CTCGCTTTCAGAGAGA 1324
DB 2 CTCCTGTTTCAGAGAGA 17

RESULT 434
LOCUS AX648953 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 793 from Patent EP1273660.
ACCESSION AX648953
VERSION AX648953.1 GI:29151771
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 793 08-JAN-2003; Aeonica, Inc. (US)
LOCATION/Qualifiers 1. 17
FEATURES
source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 6 g 7 t
0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1310 TCTGCTTTCAGAGAG 1325
DB 1 TCTTGTTCAGAGAG 16

RESULT 435
LOCUS AX688218 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 950 from Patent EP1281758.
ACCESSION AX688218
VERSION AX688218.1 GI:29410918
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 950 05-FEB-2003; Aeonica, Inc. (US)
LOCATION/Qualifiers 1. 17
FEATURES
source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 9 a 2 c 6 g 0 t
0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1513 AAGGATTAAGAGAGCA 1528
DB 2 AAGGAAAGAGAGCA 17

RESULT 436
LOCUS AX688219 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 951 from Patent EP1281758.
ACCESSION AX688219
VERSION AX688219.1 GI:29410919
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 951 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 10 a 1 c 6 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1513 AACGATTAAGAGGCCA 1528
|||||
1 AACGAAAAGAGGCCAA 16
RESULT 437
AX688609 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1341 from Patent EP1281758.
DEFINITION AX688609
ACCESSION AX688609.1 GI:29411311
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1341 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 7 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 343 TACGTGTACGAGAGT 358
|||||
1 TACGTGTGACGAGAGT 16
RESULT 438
AX693065 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 5797 from Patent EP1281758.
DEFINITION AX693065
ACCESSION AX693065.1 GI:29416029
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5797 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1530 TCAGGCTATTCTGAA 1545
|||||
2 TCAGGACAACTCTGAA 17
RESULT 439
AX693066 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 5798 from Patent EP1281758.
DEFINITION AX693066
ACCESSION AX693066.1 GI:29416030
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5798 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1530 TCAGGCTATTCTGAA 1545
|||||
1 TCAGGACAACTCTGAA 16
RESULT 440
AX722388 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 75 from Patent WO03025176.
DEFINITION AX722388
ACCESSION AX722388.1 GI:30422889
VERSION
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 75 27-MAR-2003;

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5797 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1530 TCAGGCTATTCTGAA 1545
|||||
2 TCAGGACAACTCTGAA 17
RESULT 439
AX693066 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 5798 from Patent EP1281758.
DEFINITION AX693066
ACCESSION AX693066.1 GI:29416030
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5798 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1530 TCAGGCTATTCTGAA 1545
|||||
1 TCAGGACAACTCTGAA 16
RESULT 440
AX722388 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 75 from Patent WO03025176.
DEFINITION AX722388
ACCESSION AX722388.1 GI:30422889
VERSION
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 75 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17

BASE COUNT 7 a 3 c 4 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 635 ATCTCATCAACAGTA 650
Db 2 ATCTGAGCAACAGTA 17

RESULT 441
AX723615/c 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX723615
DEFINITION Sequence 1302 from Patent WO03025176.
ACCESSION AX723615
VERSION AX723615.1 GI:30424116
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 1302 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 6 a 3 c 4 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 TTCTGCATTCGATC 817
Db 16 TTCTGAAATCCGATC 1

RESULT 442
AX724146 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724146
DEFINITION Sequence 1833 from Patent WO03025176.
ACCESSION AX724146
VERSION AX724146.1 GI:30503489
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 1833 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"

BASE COUNT 2 a 8 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 250 ATCCCTCTAGCTC 265
Db 2 ATCCCTCTAGCTC 17

RESULT 443
AX724851 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724851
DEFINITION Sequence 2538 from Patent WO03025176.
ACCESSION AX724851
VERSION AX724851.1 GI:30504194
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 2538 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 8 a 4 c 2 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 GATCCATGAGCTAT 926
Db 1 GATCCATGAGCTAT 16

RESULT 444
AX724986 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724986/c
DEFINITION Sequence 2673 from Patent WO03025176.
ACCESSION AX724986
VERSION AX724986.1 GI:30504329
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 2673 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 7 a 3 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1364 CTCAGCTGGTGTGAT 1379
|||||
Db 17 CTCACCTGTTGTGAT 2

RESULT 445
AX726777 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726777
DEFINITION Sequence 4464 from Patent WO03025176.
ACCESSION AX726777
VERSION AX726777.1 GI:30506120
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 4464 27-MAR-2003;
FEATURES
source Molecular Engines Laboratories (FR)
1. .17
Location/Qualifiers
1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GATCCACCTGCTGAC 774
|||||
Db 1 GATCCACCTGCTGACC 16

RESULT 446
AX727293 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX727293
DEFINITION Sequence 4980 from Patent WO03025176.
ACCESSION AX727293
VERSION AX727293.1 GI:30506636
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 4980 27-MAR-2003;
FEATURES
source Molecular Engines Laboratories (FR)
1. .17
Location/Qualifiers
1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 4 c 6 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CATCTGCTGCTGGGT 498
|||||
Db 17 CACCTGCTGCTGGAT 2

RESULT 447
AX728736 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX728736
DEFINITION Sequence 370 from Patent WO03025175.
ACCESSION AX728736
VERSION AX728736.1 GI:30508079
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 370 27-MAR-2003;
FEATURES
source Molecular Engines Laboratories (FR)
1. .17
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 7 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 899 CGAGGCTGCGGATC 914
|||||
Db 16 CGAGGCTGCGGATC 1

RESULT 448
AX729407 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX729407
DEFINITION Sequence 1041 from Patent WO03025175.
ACCESSION AX729407
VERSION AX729407.1 GI:30508750
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 1041 27-MAR-2003;
FEATURES
source Molecular Engines Laboratories (FR)
1. .17
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1389 GATGCACTATGCCAG 1404
|||||
Db 1 GATGCACTATGCCAG 16

RESULT 449
AX729777 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX729777

DEFINITION Sequence 1411 from Patent WO03025175.
ACCESSION AX729777
VERSION AX729777.1 GI:30509120
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1411 27-MAR-2003;
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 4 c 5 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1176 CTTGTTCCGAGATC 1191
Db 16 CTTGTTCCGAGATC 1
RESULT 450
AX730229 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX730229
DEFINITION Sequence 1863 from Patent WO03025175.
ACCESSION AX730229
VERSION AX730229.1 GI:30509572
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1863 27-MAR-2003;
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 7 c 3 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1557 ATCACTCCCAAGGC 1572
Db 2 ATCACTCCCAAGGC 17
RESULT 451
AX730853 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX730853
DEFINITION Sequence 2487 from Patent WO03025175.
ACCESSION AX730853
VERSION AX730853.1 GI:30510196
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2487 27-MAR-2003;
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 5 c 3 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1254 ATCTGTCCAGGCATT 1269
Db 2 ATCTGTCCAGGCATT 17
RESULT 452
AX731672 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX731672
DEFINITION Sequence 3306 from Patent WO03025175.
ACCESSION AX731672
VERSION AX731672.1 GI:30511015
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 3306 27-MAR-2003;
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 5 c 3 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 546 GACCTTGCAATTCACC 561
Db 1 GACCTTGCAATTCACC 16
RESULT 453
AX733164 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX733164
DEFINITION Sequence 4798 from Patent WO03025175.
ACCESSION AX733164
VERSION AX733164.1 GI:30512507
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 4798 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 6 a 6 c 2 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTTGACTTCTGGCAT 810

|||||

DB 17 GGTTGAAATCTGGGAT 2

RESULT 454

AX735417/c 17 bp DNA 11near PAT 08-MAY-2003

LOCUS Sequence 1007 from Patent WO03025177.

DEFINITION AX735417

ACCESSION AX735417

VERSION AX735417.1 GI:30514694

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

JOURNAL Patent: WO 03025177-A 1007 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1271 GACCAACTGGGAGAT 1286

|||||

DB 17 GACACGCTGGGAGAT 2

RESULT 455

AX736063/c 17 bp DNA 11near PAT 08-MAY-2003

LOCUS Sequence 1653 from Patent WO03025177.

DEFINITION AX736063

ACCESSION AX736063

VERSION AX736063.1 GI:30515340

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

JOURNAL Patent: WO 03025177-A 1653 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

FEATURES Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 9 a 2 c 4 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 TTCTGGCATTCGCATC 817

|||||

DB 16 TTCTGCATTCGCATC 1

RESULT 456

AX736421 17 bp DNA 11near PAT 08-MAY-2003

LOCUS Sequence 2011 from Patent WO03025177.

DEFINITION AX736421

ACCESSION AX736421

VERSION AX736421.1 GI:30515709

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

JOURNAL Patent: WO 03025177-A 2011 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1215 GAACGTGCTCTGTGAA 1230

|||||

DB 1 GATCTGCTCTGAGAA 16

RESULT 457

AX737740/c 17 bp DNA 11near PAT 09-MAY-2003

LOCUS Sequence 3330 from Patent WO03025177.

DEFINITION AX737740

ACCESSION AX737740

VERSION AX737740.1 GI:30517028

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments

JOURNAL Patent: WO 03025177-A 3330 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)

Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"


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SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
TITLES      C-myd targeted ribozymes
JOURNAL     Patent: US 5646042-A 564 08-JUL-1997;
FEATURES    Location/Qualifiers
            1..17
            /organism="unknown"
BASE COUNT      6 a      2 c      5 g      4 t

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      746 AGAACATCAGCAGCAT 761
DB      2 AGAAGATCTGCAGCAT 17

RESULT 462
LOCUS      153692      17 bp      DNA      linear      PAT 07-OCT-1997
DEFINITION Sequence 1433 from patent US 5646042.
ACCESSION  153692
VERSION    153692.1 GI:2474895
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE   1 (bases 1 to 17)
AUTHORS     Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
TITLES      C-myd targeted ribozymes
JOURNAL     Patent: US 5646042-A 1433 08-JUL-1997;
FEATURES    Location/Qualifiers
            1..17
            /organism="unknown"
BASE COUNT      6 a      4 c      4 g      3 t

Query Match      0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1546 TCCCTGATGACATCAG 1561
DB      17 TCCTCTGTGACATCAG 2

RESULT 463
LOCUS      A26385      18 bp      DNA      linear      PAT 07-APR-1995
DEFINITION probe no.3.
ACCESSION  A26385
VERSION    A26385.1 GI:904942
KEYWORDS
SOURCE     synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 18)
AUTHORS     ANTIGEN PROCESSING
TITLES      Patent: WO 9211289-A 11 09-JUL-1992;
JOURNAL     Location/Qualifiers
            1..18
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
BASE COUNT      4 a      6 c      5 g      3 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1410 CCTCTGAGCGCTGACC 1425
DB      1 CCTCTGAGCGCTGACC 16

RESULT 464
LOCUS      A29086      18 bp      DNA      linear      PAT 03-JUL-1995
DEFINITION Oligonucleotide EBI-1857 from patent EP0393438.
ACCESSION  A29086
VERSION    A29086.1 GI:1248880
KEYWORDS
SOURCE     synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Hauptmann,R., Himmeler,A., Maurer-Fogy,I. and Stratowa,C.
TITLES      TNF-receptor, TNF-binding protein and DNA coding therefor
JOURNAL     Patent: EP 0393438-A 36 24-OCT-1990;
FEATURES    Location/Qualifiers
            1..18
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
BASE COUNT      4 a      5 c      9 g      0 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1024 GGCTTGCCCGCCGCC 1039
DB      16 GGCTTGCCCGCCGCC 1

RESULT 465
LOCUS      A32096      18 bp      DNA      linear      PAT 11-DEC-1996
DEFINITION Oligonucleotide EBI-1857 from patent WO9201055.
ACCESSION  A32096
VERSION    A32096.1 GI:1926520
KEYWORDS
SOURCE     synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 18)
AUTHORS     O-GLYCOSYLATED IFN-ALPHA
TITLES      Patent: WO 9201055-A 5 23-JAN-1992;
JOURNAL     Location/Qualifiers
            1..18
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
BASE COUNT      4 a      5 c      9 g      0 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1024 GGCTTGCCCGCCGCC 1039
DB      16 GGCTTGCCCGCCGCC 1

RESULT 466
LOCUS      A57275      18 bp      DNA      linear      PAT 03-MAR-1998
DEFINITION Sequence 7 from Patent WO9630512.
ACCESSION  A57275
VERSION    A57275.1 GI:3713170

```

KEYWORDS
SOURCE
ORGANISM
unclassified.
unclassified.

REFERENCE
1
AUTHORS
TITLE
JOURNAL
Bracco, L., Schweighoffer, P. and Tocque, B.
CONDITIONAL EXPRESSION SYSTEM
Patent: WO 9630512-A 7 03-OCT-1996;
RHONE-POULENC ROGER SA (FR)
Other publication AU 5402096 961016
Other publication FR 2732348 961004.

COMMENT
Other publication FR 2732348 961004.

FEATURES
source
1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
1..>18
/note="unannotated protein product"
/codon_start=1
/protein_id="CAA03436.1"
/db_xref="GI:3713171"
/translation="MNRIGK"

CDS
1..>18
/note="unannotated protein product"
/codon_start=1
/protein_id="CAA03436.1"
/db_xref="GI:3713171"
/translation="MNRIGK"

BASE COUNT
5 a 4 c 7 g 2 t

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY
780 GAACGGCTGACGACG 795
DB 3 GAACGGCTGACGACG 18

RESULT 467
LOCUS A87873 18 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 21 from Patent WO9833904.
ACCESSION A87873
VERSION A87873.1 GI:6736443
KEYWORDS
SOURCE
ORGANISM
unclassified.
unclassified.

REFERENCE
1 (bases 1 to 18)
AUTHORS Brysch, W. and Schlingensiepen, K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 21 06-AUG-1998;
BIOGOSTIK GRS (DE); BRYSCH WOLFGANG (DE)
LOCATION/Qualifiers
1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT
5 a 5 c 8 g 0 t

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY
1084 CCCTGTTCTCTCTCC 1099
DB 18 CCCTGTTCTCTCTCC 3

RESULT 468
LOCUS A89840 18 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 21 from Patent EP0856579.
ACCESSION A89840
VERSION A89840.1 GI:6738354
KEYWORDS
SOURCE
ORGANISM
unclassified.
unclassified.

REFERENCE
1 (bases 1 to 18)
AUTHORS Brysch, W.D. and Schlingensiepen, K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 21 05-AUG-1998;
BIOGOSTIK GRS (DE)
LOCATION/Qualifiers
1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source
1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT
5 a 5 c 8 g 0 t

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY
1084 CCCTGTTCTCTCTCC 1099
DB 18 CCCTGTTCTCTCTCC 3

RESULT 469
LOCUS AR009524 18 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 5 from patent US 5756312.
ACCESSION AR009524
VERSION AR009524.1 GI:3968329
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unknown.

REFERENCE
1 (bases 1 to 18)
AUTHORS Weiner, A.J. and Houghton, M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5756312-A 5 26-MAY-1998;
LOCATION/Qualifiers
1..18
/organism="unknown"

BASE COUNT
4 a 4 c 7 g 3 t

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY
781 AACGGCTGACGACG 796
DB 2 AACGGCTGACGACG 17

RESULT 470
LOCUS AR013910 18 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 112 from patent US 5773218.
ACCESSION AR013910
VERSION AR013910.1 GI:3971364
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unknown.

REFERENCE
1 (bases 1 to 18)
AUTHORS Gallatin, W. Michael, and Vazeux, R.
TITLE Method to identify compounds which modulate ICAM-related protein interactions
JOURNAL Patent: US 5773218-A 112 30-JUN-1998;
LOCATION/Qualifiers
1..18
/organism="unknown"

BASE COUNT
3 a 1 c 7 g 7 t

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 476
AR084526 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR084526
DEFINITION Sequence 15 from patent US 5981185.
ACCESSION AR084526
VERSION AR084526.1 GI:10011297
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 15 09-NOV-1999;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 12 a 6 c 0 g 0 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 384 CAACACACACGACACC 399
|||||
Db 2 CAACACACACACACAC 17

RESULT 477
AR084527 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR084527
DEFINITION Sequence 16 from patent US 5981185.
ACCESSION AR084527
VERSION AR084527.1 GI:10011298
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 16 09-NOV-1999;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 12 a 6 c 0 g 0 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 384 CAACACACACGACACC 399
|||||
Db 1 CAACACACACACACAC 16

RESULT 478
AR085593 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR085593
DEFINITION Sequence 29 from patent US 5981732.
ACCESSION AR085593
VERSION AR085593.1 GI:10012360
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser,L.M.
TITLE Antisense modulation of G-alpha-13 expression
JOURNAL Patent: US 5981732-A 29 09-NOV-1999;
FEATURES
Source 1..18
Location/Qualifiers

BASE COUNT 4 a 7 c 6 g 1 t
/organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1430 TCCCTGCTGCTGCTCC 1445
|||||
Db 17 TCCCTGCTGCTGCTGCTC 2

RESULT 479
AR088230 18 bp DNA linear PAT 07-SEP-2000
LOCUS AR088230
DEFINITION Sequence 112 from patent US 5989843.
ACCESSION AR088230
VERSION AR088230.1 GI:10014993
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Gallatin,W.Michael. and Vazeux,R.
TITLE Methode for identifying modulators of protein kinase C
JOURNAL phosphorylation of ICM-related protein
Patent: US 5989843-A 112 23-NOV-1999;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 3 a 1 c 7 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 941 GGGGTTTGAAGGCAT 956
|||||
Db 2 GGGGTTTGAAGGCTT 17

RESULT 480
AR092871 18 bp DNA linear PAT 08-SEP-2000
LOCUS AR092871
DEFINITION Sequence 86 from patent US 5998206.
ACCESSION AR092871
VERSION AR092871.1 GI:10019623
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser,L.M.
TITLE Antisense inhibition of human G-alpha-12 expression
JOURNAL Patent: US 5998206-A 86 07-DEC-1999;
FEATURES
Source 1..18
/organism="unknown"

BASE COUNT 4 a 4 c 5 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 531 CCTGAAGCTCATCATG 546
|||||
Db 18 CCTGAAGACATCATG 3

RESULT 481
AR098347 18 bp DNA linear PAT 14-FEB-2001
LOCUS AR098347
DEFINITION Sequence 7 from patent US 6075123.

```

ACCESSION  AR098347  GI:12807604
VERSION     AR098347.1
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Lahli,J.M. and Kidd,V.J.
TITLE       Cyclin-C variants, and diagnostic and therapeutic uses thereof
JOURNAL     Patent: US 6075123-A 7 13-JUN-2000;
FEATURES    Location/Qualifiers
            source
              1..18
                /organism="unknown"

BASE COUNT      7 a      4 c      5 g      2 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1426 TGGCTCTGCTGCTGCTG 1441
Db      17 TGCATCCTTCTGCTG 2

RESULT 482
LOCUS      AR098767 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 22 from patent US 6077672.
ACCESSION  AR098767
VERSION    AR098767.1 GI:12808533
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Montu,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of TRADD expression
JOURNAL     Patent: US 6077672-A 22 20-JUN-2000;
FEATURES    Location/Qualifiers
            source
              1..18
                /organism="unknown"

BASE COUNT      2 a      10 c      3 g      3 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1315 TTGCGAGAGCGCGG 1330
Db      18 TTGCGAGAGCGCGG 3

RESULT 483
LOCUS      AR106952 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 113 from patent US 6107092.
ACCESSION  AR106952
VERSION    AR106952.1 GI:12821482
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Cowseert,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE       Antisense modulation of SRA expression
JOURNAL     Patent: US 6107092-A 113 22-AUG-2000;
FEATURES    Location/Qualifiers
            source
              1..18
                /organism="unknown"

BASE COUNT      4 a      4 c      9 g      1 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;

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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1143 GACTGGCCCTGCACCT 1158
Db      17 GACTGCCCTGCTCCT 2

RESULT 484
LOCUS      AR147446 18 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 28 from patent US 6221594.
ACCESSION  AR147446
VERSION    AR147446.1 GI:15111249
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Burrell,P.Christopher., Blackall,L.Louise. and Keller,J.
TITLE       Method for the detection of aquatic nitrite oxidizing
JOURNAL     microorganisms of the genus Nitrospira
            Patent: US 6221594-A 28 24-APR-2001;
FEATURES    Location/Qualifiers
            source
              1..18
                /organism="unknown"

BASE COUNT      5 a      2 c      10 g      1 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1002 GTCCATCTACCCACC 1017
Db      17 GTCCATCTTCCCTCC 2

RESULT 485
LOCUS      AR172136 18 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 5 from patent US 6303292.
ACCESSION  AR172136
VERSION    AR172136.1 GI:17911627
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS     Weiner,A.J. and Houghton,M.
TITLE       Immunoreactive polypeptide compositions
JOURNAL     Patent: US 6303292-A 5 16-OCT-2001;
FEATURES    Location/Qualifiers
            source
              1..18
                /organism="unknown"

BASE COUNT      4 a      4 c      7 g      3 t

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      781 AACGGGCTGACGAG 796
Db      2 AACGGGCTGAGCTCG 17

RESULT 486
LOCUS      AR174181 18 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 7 from patent US 6306648.
ACCESSION  AR174181
VERSION    AR174181.1 GI:17914501
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.

```

REFERENCE 1 Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Labti,J.M. and Kidd,V.J.
JOURNAL Cytlin-C variants, and diagnostic and therapeutic uses thereof
PATENT: US 6306648-A 7 23-OCT-2001;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 7 a /organism="unknown" 4 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1426 TGGCTGCTGCTGCTG 1441
Db 17 TGCATCTCTCTGCTG 2

RESULT 487
LOCUS AR189007 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4495 from patent US 6346398.
ACCESSION AR189007
VERSION AR189007.1 GI:20234972
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4495 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 8 a /organism="unknown" 6 c 2 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1544 AATCCCTGATGACATC 1559
Db 1 AATCCAGATGACAC 16

RESULT 488
LOCUS AR196126 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 591 from patent US 6350934.
ACCESSION AR196126
VERSION AR196126.1 GI:20245563
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.,Ann.Owens., Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
TITLE Nucleic acid encoding delta-9 desaturase
JOURNAL Patent: US 6350934-A 591 26-FEB-2002;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 5 a /organism="unknown" 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 438 CTCGAGTCCACGCGC 453

Db 2 CTCACGCTCCACGCGC 17

RESULT 489
LOCUS AR200500 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5 from patent US 6358505.
ACCESSION AR200500
VERSION AR200500.1 GI:20251388
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Zurfluh,L., Klein,B., McWhorter,C., Feng,Y., McKearn,J. and Bradford-Goldberg,S.
TITLE G-CSF receptor agonists
JOURNAL Patent: US 6358505-A 5 19-MAR-2002;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 2 a /organism="unknown" 4 c 10 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 784 GGGCTGACGACGAGTGTG 799
Db 1 GGGCTGCGGACGAGTGTG 16

RESULT 490
LOCUS AR211098 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 11 from patent US 6399297.
ACCESSION AR211098
VERSION AR211098.1 GI:21514330
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowbert,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)
JOURNAL Patent: US 6399297-A 11 04-JUN-2002;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 5 a /organism="unknown" 6 c 6 g 1 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1566 CAAGGCTCTGTGCTG 1581
Db 18 CCAAGGCTCTGTGCTG 3

RESULT 491
LOCUS AR274633 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 17 from patent US 6506595.
ACCESSION AR274633
VERSION AR274633.1 GI:29707167
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)

AUTHORS Sato, S., Higashikuni, N., Kudo, T. and Kondo, M.
TITLE DNA encoding new fusion proteins and processes for preparing
useful polypeptides through expression of the DNAs
JOURNAL Patent: US 6506595-A 17 14-JAN-2003;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 3 a 1 c 6 g 8 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1486 TTTTGAGTAGTAGTA 1501
Db 1 TTTTGAGCTGTAGTA 16
RESULT 492
AR295552 AR295552 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR295552
DEFINITION Sequence 7287 from patent US 6537751.
ACCESSION AR295552
VERSION AR295552.1 GI:31682836
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7287 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 9 a 2 c 6 g 1 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1463 GGAGCCAGAGAAATG 1478
Db 1 GTAGCCAGAGAAAG 16
RESULT 493
AR295679 AR295679 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR295679
DEFINITION Sequence 7414 from patent US 6537751.
ACCESSION AR295679
VERSION AR295679.1 GI:31682963
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7414 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 2 a 4 c 5 g 7 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1227 GAACTGCAGCTGAGC 1242
Db 1 GAACTGCAGCTGAGC 1242

Db 18 GAACTGCAGCTGAAC 3
RESULT 494
AR296438 AR296438 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR296438
DEFINITION Sequence 8173 from patent US 6537751.
ACCESSION AR296438
VERSION AR296438.1 GI:31683722
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 8173 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 8 a 4 c 5 g 1 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 649 TACTTCCAGCATGT 664
Db 16 TCTTTCAGGCTGT 1
RESULT 495
AR298838 AR298838 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR298838
DEFINITION Sequence 10573 from patent US 6537751.
ACCESSION AR298838
VERSION AR298838.1 GI:31686122
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 10573 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
BASE COUNT 2 a 7 c 1 g 8 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1493 GTAGTAGTAAAGAG 1508
Db 17 GTAGTAGTAAAGAG 2
RESULT 496
AX005410 AX005410 18 bp DNA linear PAT 24-AUG-2000
LOCUS AX005410
DEFINITION Sequence 529 from Patent W0909186.
ACCESSION AX005410
VERSION AX005410.1 GI:9928585
KEYWORDS
SOURCE Mycobacterium tuberculosis
ORGANISM Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinomycetales;
Corynebacteriaceae; Mycobacteriaceae; Mycobacterium;
tuberculosis complex.

```

REFERENCE 1
AUTHORS Portnoi, D. and Guigueno, A.
TITLE Polypeptide nucleic sequences exported from mycobacteria, vectors
        computing name and uses for diagnosing and preventing tuberculosis
JOURNAL Patent: WO 9009186-A 529 25-FEB-1999;
        PORTNOI DENIS (FR); GUIGUENO AGNES (FR)
FEATURES
        source
            1. 18
                /organism="Mycobacterium tuberculosis"
                /mol_type="genomic DNA"
                /db_xref="taxon:1773"
                /note="AMRCR INVERSE SEQ ID NO 26"
BASE COUNT      2 a      6 c      5 g      5 t
Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      546 GACCTTGGCATTGACC 561
        |||||
Db      2 GACCTTGGGATTGCGCC 17

RESULT 497
LOCUS AX039152 18 bp DNA linear PAT 18-NOV-2000
DEFINITION Sequence 9 from Patent WO0063253.
ACCESSION AX039152
VERSION AX039152.1 GI:11229295
KEYWORDS
        . synthetic construct
        . synthetic construct
        . artificial sequences.
REFERENCE 1
AUTHORS Hsu, H. and Meng, S. Y.
TITLE Agp-1 fusion protein compositions and methods
JOURNAL Patent: WO 0063253-A 9 26-OCT-2000;
        Amgen Inc. (US)
FEATURES
        source
            1. 18
                Location/Qualifiers
                /organism="synthetic construct"
                /mol_type="genomic DNA"
                /db_xref="taxon:32630"
                /note="synthetic"
BASE COUNT      6 a      4 c      3 g      5 t
Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      669 CTTCAAGAGCAAGTTC 684
        |||||
Db      2 CTTCAAGAGGATTTTC 17

RESULT 498
LOCUS AX134736 18 bp DNA linear PAT 29-MAY-2001
DEFINITION Sequence 19 from Patent WO0132876.
ACCESSION AX134736
VERSION AX134736.1 GI:14271253
KEYWORDS
        . synthetic construct
        . synthetic construct
        . artificial sequences.
REFERENCE 1
AUTHORS Murphy, A. N., Cleverger, W., Wiley, S. E., Andreyev, A. Y., Frigeri, L. G.,
        Velicelebi, G. and Davis, R. E.
TITLE Compositions and methods for determining interactions of
        mitochondrial components, and for identifying agents that alter
        such interactions
JOURNAL Patent: WO 0132876-A 19 10-MAY-2001;
        MITOKOR (US)

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FEATURES
        source
            1. 18
                Location/Qualifiers
                /organism="synthetic construct"
                /mol_type="genomic DNA"
                /db_xref="taxon:32630"
                /note="Sequencing primer"
BASE COUNT      6 a      4 c      3 g      5 t
Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      669 CTTCAAGAGCAAGTTC 684
        |||||
Db      2 CTTCAAGAGGATTTTC 17

RESULT 499
LOCUS AX234565 18 bp DNA linear PAT 11-SEP-2001
DEFINITION Sequence 40 from Patent WO0162975.
ACCESSION AX234565
VERSION AX234565.1 GI:15593548
KEYWORDS
        . synthetic construct
        . synthetic construct
        . artificial sequences.
REFERENCE 1
AUTHORS Liu, Q. and Sommer, S. S.
TITLE Pyrophosphorolysis activated polymerization (pap): application to
        allele-specific amplification and nucleic acid sequence
        determination
JOURNAL Patent: WO 0162975-A 40 30-AUG-2001;
        City of Hope (US)
FEATURES
        source
            1. 18
                Location/Qualifiers
                /organism="synthetic construct"
                /mol_type="genomic DNA"
                /db_xref="taxon:32630"
                /note="oligonucleotide"
                misc_feature
                    18 /note="dideoxynucleotide"
BASE COUNT      2 a      9 c      2 g      5 t
Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      244 ATCCCTATCCCTCTCT 259
        |||||
Db      1 ACCCTATCCCTGCT 16

RESULT 500
LOCUS AX250500 18 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 16 from Patent WO0168864.
ACCESSION AX250500
VERSION AX250500.1 GI:15984247
KEYWORDS
        . synthetic construct
        . synthetic construct
        . artificial sequences.
REFERENCE 1
AUTHORS Horts, C. M., Hondel, C. M., Punt, P. J., Schuren, F. H. and Christensen, T.
TITLE Fungal transcriptional activator useful in methods for producing
        polypeptides
JOURNAL Patent: WO 0168864-A 16 20-SEP-2001;
        Novozymes A/S (DK)
FEATURES
        source
            1. 18
                Location/Qualifiers
                /organism="synthetic construct"
                /mol_type="genomic DNA"

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BASE COUNT 3 a 5 c 7 t

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 182 AGCAGGCTCTTAGAA 197
DB 17 AGCGGCTCCTAAGAA 2

RESULT 501
AX301864
LOCUS Sequence 19 from Patent WO0185944.
DEFINITION AX301864
ACCESSION AX301864
VERSION AX301864.1 GI:17382921
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Anderson, C.M., Davis, R.E., Cleverger, W., Wiley, S.E., Miller, S.W., Szabo, T.R., Ghosh, S.S., Moos, W.H., Pel, Y., and Carroll, A.K.
TITLE Production of adenine nucleotide translocator (ant), novel ant ligands and screening assays therefor
JOURNAL Patent: WO 0185944-A 19 15-NOV-2001; MITOKOR (US)

FEATURES
source location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR Primer"

BASE COUNT 6 a 4 c 3 g 5 t

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTTCAAGCACAAGTTC 684
DB 2 CTTCAAGCAGAATTTC 17

RESULT 502
AX356967
LOCUS Sequence 9 from Patent WO0206523.
DEFINITION AX356967
ACCESSION AX356967
VERSION AX356967.1 GI:18674163
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Acuna, G., Foerzler, D., and Leong, D.U.
TITLE Method for detecting pre-disposition to hepatotoxicity
JOURNAL Patent: WO 0206523-A 9 24-JAN-2002;
F. HOFFMANN-LA ROCHE AG (CH)

FEATURES
source location/Qualifiers
1.18
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 6 t

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 395 ACACCGTCTTCTTCT 410
DB 3 ACACCTTCTTCTTCT 18

RESULT 503
AX468124
LOCUS Sequence 14 from Patent WO0246410.
DEFINITION AX468124
ACCESSION AX468124
VERSION AX468124.1 GI:21900997
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE Prostate-specific polypeptide pump and encoding nucleic acid molecules
JOURNAL Patent: WO 0246410-A 14 13-JUN-2002;
The Institute for Systems Biology (US)

FEATURES
source location/Qualifiers
1.18
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 3 a 2 c 9 g 4 t

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 501 GCGCGTATGATGCG 516
DB 2 GCGATGATGATGCG 17

RESULT 504
AX599328/c
LOCUS Sequence 668 from Patent WO02077272.
DEFINITION AX599328
ACCESSION AX599328
VERSION AX599328.1 GI:28399472
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Leche, R., Lew, E., Lewin, A., Lipscher, E., Walter, S., Model, F., Mueller, V., Otto, T., Pelet, C., and Ziebarth, H.
TITLE Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders
JOURNAL Patent: WO 02077272-A 668 03-OCT-2002;
Epigenomics AG (DE)

FEATURES
source location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for BCL2"

BASE COUNT 2 a 0 c 7 g 9 t

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 367 AAAAGCAATCACCCT 382
DB 18 AAAACCAACACACT 3

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RESULT 505
AX599445/c
LOCUS AX599445 18 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 785 from Patent WO02077272.
ACCESSION AX599445
VERSION AX599445.1 GI:2839589
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 synthetic construct
synthetic construct
artificial sequences.
AUTHORS
1 Berlin, K., Braun, A., Distler, J., Gueig, D., Howe, A., Mueller, J.,
Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Liu, B.,
Lewin, A., Lipscher, B., Maier, S., Model, F., Mueller, V., Otto, T.,
Pellet, C. and Ziebarth, H.
TITLE
Methods and nucleic acids for the analysis of hematopoietic cell
proliferative disorders
JOURNAL
Patent: WO 02077272-A 785 03-OCT-2002;
Epigenomics AG (DE)
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for MLH1"
BASE COUNT
4 a 1 c 7 g 6 t
Query Match
0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 667 CCTCTCAAGACAACT 682
Db 18 CCTCTCAAGACAACT 3

RESULT 506
AX705816
LOCUS AX705816 18 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 485 from Patent WO03014388.
ACCESSION AX705816
VERSION AX705816.1 GI:29562481
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 synthetic construct
synthetic construct
artificial sequences.
AUTHORS
1 Distler, J., Model, F. and Taubert, H.
TITLE
Method and nucleic acids for the analysis of colon cancer
JOURNAL
Patent: WO 03014388-A 485 20-FEB-2003;
Epigenomics AG (DE)
FEATURES
source
1..18
/location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TP53"
BASE COUNT
2 a 0 c 5 g 11 t
Query Match
0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1482 TTTATTTGGAGTAGT 1497
Db 2 TTTTGTGGAGTAGT 17

RESULT 507
AX718610/c
LOCUS AX718610 18 bp DNA linear PAT 15-APR-2003

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DEFINITION Sequence 174 from Patent WO02103043.
ACCESSION AX718610
VERSION AX718610.1 GI:29891176
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 synthetic construct
synthetic construct
artificial sequences.
AUTHORS
1 Reimfohr, C. and Snaidr, J.
TITLE
Method for the specific fast detection of bacteria which is harmful
to beer
JOURNAL
Patent: WO 02103043-A 174 27-DEC-2002;
Vermicon AG (DE)
FEATURES
source
1..18
/location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"
BASE COUNT
4 a 7 c 3 g 4 t
Query Match
0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1273 CAACTGGGAGAGTAG 1288
Db 18 CAATCTGGAGAGTAG 3

RESULT 508
AX734274
LOCUS AX734274 18 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4 from Patent WO03025218.
ACCESSION AX734274
VERSION AX734274.1 GI:30513603
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Candida albicans
Candida albicans
Bukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
AUTHORS
1 Lemaire, K., de Rop, L., van Dijk, P. and Thewissen, J.
TITLE
Novel methods and yeast strains for screening antifungal agents
JOURNAL
Patent: WO 03025218-A 4 27-MAY-2003;
K.U.Leuven Research & Development (BE)
FEATURES
source
1..18
/location/Qualifiers
1..18
/organism="Candida albicans"
/mol_type="genomic DNA"
/db_xref="taxon:5476"
/misc_feature
1..18
/note="diagnostic primer Candida GPR1 ORF"
BASE COUNT
3 a 3 c 8 g 4 t
Query Match
0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 501 GCGCGTATCATGAG 516
Db 1 GCGCGTATCATGAG 16

RESULT 509
BD022411
LOCUS BD022411 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Multi-functional chimeric hematopoietic receptor agonists.
ACCESSION BD022411
VERSION BD022411.1 GI:22563634
KEYWORDS
SOURCE
ORGANISM
unidentified

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REFERENCE unclassified.
1 (bases 1 to 18)
AUTHORS McWalter, C.A., Fen, I., Mckyan, J.P., Somers, N.L., Sutcliffe, N.R.,
Sutcliffe, P.R., Mainardi, J.C., Minster, N.I., and Wolf, S.L.
TITLE Multi-functional chimeric hematopoietic receptor agonists
JOURNAL Patent: JP 2001504689-A 366 10-APR-2001;
G D SEARLE AND CO
PN JP 2001504689-A/366
PD 10-APR-2001
PF 23-OCT-1997 JP 1998519754
PI CHARLES A MCWALTER, IKIN FEN, JOHN P MCKYAN, NINA L SOMERS, PI
NICHOLAS R SUTCLIFFE
PI PHILIP R SUTCLIFFE, JOHN C MAINARDI, NANCY I MINSTER, SUSAN L WOLF
PC C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P7/06, PC
A61P31/00,
PC A61P35/00, A61P37/02, C07K14/475, C07K14/52, C12P21/02, C12N15/00,
PC A61K37/02
CC Strandedness: Single;
CC Topology: Linear;
FEATURES Location/Qualifiers.
source 1. .18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 2 a 4 c 10 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 784 GGGCTGAGCAGCTTG 799
DB 1 GGGCTGCGCAGCTGG 16
RESULT 510
LOCUS BD065386 18 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065386
VERSION BD065386.1 GI:22610989
KEYWORDS JP 2001511000-A/21.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Schlingensiefen, K.H. and Brysch, W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 21 07-AUG-2001;
BIOLOGISTIK GESELLSCHAFT FÜR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT OS Unknown
PN JP 2001511000-A/21
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PI 31-JAN-1997 BP 97101531.8
PI KARL HERMANN SCHLINGENSIEFEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1. .18
/organism="Unknown".
Location/Qualifiers
1. .18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 5 a 5 c 8 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1084 CCCTGTTCTCTCC 1099
DB 18 CCGGTTCCTCTCC 3
RESULT 511
LOCUS BD103982 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Kit and method for determining HLA type.
ACCESSION BD103982
VERSION BD103982.1 GI:22649556
KEYWORDS WO 0192572-A/86.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
TITLE Kit and method for determining HLA type
JOURNAL Patent: WO 0192572-A 86 06-DEC-2001;
NISHINO INDUSTRIES INC., SYSTEM RESEARCH INC., HIDETOSHI INOKO, TAKKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
COMMENT OS Artificial Sequence
PN WO 0192572-A/86
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PI 01-JUN-2000 JP 00P 164798
PI HIDETOSHI INOKO, TAKKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH Key
FT source 1. .18
/organism="Artificial Sequence".
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 4 c 7 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 194 AGAAGTCGCGATCGA 209
DB 3 AGTAGTCGCGCTTCA 18
RESULT 512
LOCUS BD165776 18 bp DNA linear PAT 17-JAN-2003
DEFINITION Immunoreactive hepatitis C virus polypeptide compositions.
ACCESSION BD165776
VERSION BD165776.1 GI:27871588
KEYWORDS JP 2002167336-A/5.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Weiner, A.J. and Houghton, M.
TITLE Immunoreactive hepatitis C virus polypeptide compositions
JOURNAL Patent: JP 2002167336-A 5 11-JUN-2002;
CHIRON CORP
COMMENT OS Unidentified
PN JP 2002167336-A/5
PD 11-JUN-2002
PF 11-JUL-2001 JP 2001211447
PI 13-SEP-1991 US 759575
PI AMY J WEINER, MICHAEL HOUGHTON

PC A61K39/29, A61P31/12, C07K14/18, C07K16/10, C12N1/15, C12N1/19, PC
C12N1/21,
PC C12N5/10, C12N15/09, C12P21/02, G01N33/576, C12N15/00, C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Immunoreactive hepatitis C virus polypeptide compositions FH
Key Location/Qualifiers
FT source 1.18
PT /organism='Unidentified'.
Location/Qualifiers

BASE COUNT
1.18
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/mol_type='genomic DNA'
/db_xref='taxon:32644'
4 a 4 c 7 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 781 AACGGCTGAGCAAG 796
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2 AACGGCTGAGCTCGG 17

RESULT 513
LOCUS E06700 18 bp DNA linear PAT 29-SEP-1997
DEFINITION E06700 encoding N-terminal hexapeptide of Cellulomonas utricase.
ACCESSION E06700
VERSION E06700.1 GI:2174882
KEYWORDS JP 1994038766-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
Yagasaki, M., Iehino, S., Iwata, K., Azuma, M., Teshiba, S.,
Hasegawa, M., Yamaguchi, K., Yano, K., Yokoo, Y. and Hashimoto, Y.
TITLE URICASE GENE AND PRODUCTION OF URICASE
JOURNAL Patent: JP 1994038766-A 2 15-FEB-1994;
KYOMA HAKKO KOGYO CO LTD
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1994038766-A/2
PD 15-FEB-1994
PF 04-DEC-1991 JP 1991320525
PI YAGASAKI MAKOTO, ISHINO SHUICHI, IWATA KAZUHIISA, PI AZUMA
MASAYUKI,
PI TESHIBA SADAO, HASEGAWA MASARU, YAMAGUCHI KAZUO, YANO KEIICHI,
PI YOKOO YOSHIHARU, HASHIMOTO YUKIO
PC C12N15/53, C12N1/20, C12N1/21, C12N9/06, (C12N15/53, C12R1:01), PC
(C12N1/20),
PC C12R1:01), (C12N1/21, C12R1:19), (C12N9/06, C12R1:19), (C12N9/06,
PC C12R1:01);
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
CC *source: clone-pJT118;
FH key Location/Qualifiers
FT mat_peptide 1.18
FT /product='N-terminal hexapeptide of FT
FT Cellulomonas utricase'
FT misc_feature 1.18
FT /note='used for high expression of FT
FT Cellulomonas utricase'.
Location/Qualifiers
1.18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
4 a 6 c 2 g 6 t

FEATURES
source
BASE COUNT
4 a 6 c 2 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1490 GGAGTAGTAGTAAAAA 1505
|||||
17 GGAGTAGTAGTAGACA 2

RESULT 514
LOCUS E23737 18 bp DNA linear PAT 18-JUN-2001
DEFINITION E23737
E23737
growth stimulants with the use of the same.
ACCESSION E23737
VERSION E23737.1 GI:13024485
KEYWORDS JP 199089565-A/26.
SOURCE unclassified
ORGANISM unclassified

REFERENCE 1 (bases 1 to 18)
Jun, S., Eriko, T., Chika, H., Akihiro, I., Masahiro, T. and Hiroshi, H.
TITLE Immortalized human papilla pit cell and method for evaluating hair
growth stimulants with the use of the same
JOURNAL Patent: JP 199089565-A 26 06-APR-1999;
SHIRIDO CO LTD
OS Unidentified
PN JP 199089565-A/26
PD 06-APR-1999
PF 19-SEP-1997 JP 1997271927
PR

COMMENT
JOURNAL
PI JUN SUZUKI, ERIKO TAKEOKA, CHIKA HAMADA, AKIHIRO ISHINO, PI
MASAHIRO TAJIMA,
PI HIROSHI HANDA
PC C12N5/10, A61K7/06, C12N15/09, C12P21/02, C12Q1/02//C12N5/10, PC
C12R1:91),
PC (C12P21/02, C12R1:91), C12N5/00, C12N15/00, (C12N5/00, C12R1:91) CC
Strandedness: Single;
CC Topology: Linear;
FH key Location/Qualifiers
FT source 1.18
FT /organism='Unidentified'.
Location/Qualifiers
1.18
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
6 a 6 c 6 g 0 t

BASE COUNT
6 a 6 c 6 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1293 TGTGCTCTGCGCTG 1308
|||||
18 TGTGCTCTGCTGCTG 3

RESULT 515
LOCUS E35235 18 bp DNA linear PAT 18-JUN-2001
DEFINITION E35235
E35235
Method for distinguishing HLA-A allele type.
ACCESSION E35235
VERSION E35235.1 GI:13018980
KEYWORDS JP 1999216000-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
Toyotaru, M. and Toshihiko, K.
TITLE Method for distinguishing HLA-A allele type
JOURNAL Patent: JP 1999216000-A 12 10-AUG-1999;

SHIONOGI & CO LTD
OS Artificial Sequence
nu 22 100010000 1/40

JOURNAL Patent: US 5670152-A 5 23-SEP-1997;
FEATURES Location/Qualifiers
Source 1. .18
BASE COUNT 4 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 781 AACGGCTGAGCAAG 796
DB 2 AACGGCTGAGCTCG 17
RESULT 520
LOCUS 166211 18 bp DNA linear PAT 28-DEC-1997
DEFINITION Sequence 5 from patent US 5670153.
ACCESSION 166211
VERSION 166211.1 GI:2724188
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5670153-A 5 23-SEP-1997;
FEATURES Location/Qualifiers
Source 1. .18
BASE COUNT 4 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 781 AACGGCTGAGCAAG 796
DB 2 AACGGCTGAGCTCG 17
RESULT 521
LOCUS 174498 18 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 2 from patent US 5688670.
ACCESSION 174498
VERSION 174498.1 GI:3010639
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Szostak,J.W., Lorech,J.R. and Wilson,C.
TITLE Self-modifying RNA molecules and methods of making
JOURNAL Patent: US 5688670-A 2 18-NOV-1997;
FEATURES Location/Qualifiers
Source 1. .18
BASE COUNT 7 a 4 c 5 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 749 ACATCAGCAGATCCA 764
DB 1 ACGTCAGAGATCCA 16
RESULT 522
AX377093/c
AX377093/c

LOCUS AX377093 15 bp DNA linear PAT 18-MAR-2002
DEFINITION Sequence 14 from Patent WO0212561.
ACCESSION AX377093
VERSION AX377093.1 GI:19573384
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kazemi,A., Messer,C. and Tanguay,D.A.
TITLE Haplotypes of the orig1 gene
JOURNAL Patent: WO 0212561-A 14 14-PBB-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
Source 1. .15
BASE COUNT 2 a 3 c 4 g 5 t 1 others
Query Match 0.9%; Score 12.6; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.9e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1467 CCAGAGGAATGC 1479
DB 15 CCAGAGGAATGC 3
RESULT 523
AX419945
AX419945
LOCUS AX419945 14 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 282 from Patent WO0198537.
ACCESSION AX419945
VERSION AX419945.1 GI:21524312
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lyamchev,V., Allawi,H., Dong,F., Neri,B.P. and Veneri,I.T.
TITLE Nucleic acid accessible hybridization sites
JOURNAL Patent: WO 0198537-A 282 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES Location/Qualifiers
Source 1. .14
BASE COUNT 2 a 2 c 6 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1367 ACCTGCTGCTGATG 1380
DB 1 ACCTGCTGCTGATG 14
RESULT 524
AR033598/c
AR033598/c
LOCUS AR033598 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 364 from patent US 5869253.
ACCESSION AR033598
VERSION AR033598.1 GI:5949203
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.

TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 5869253-A 364 09-FEB-1999;
LOCUS Location/Qualifiers
FEATURES
source 1.15
/organism="unknown"

BASE COUNT 0 a 10 c 2 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGGG 1342
DB 15 GGCCAGAGAGGGG 2

RESULT 525
AR041422 AR041422 15 bp DNA 11linear PAT 29-SEP-1999
DEFINITION Sequence 212 from patent US 5811300.
ACCESSION AR041422
VERSION AR041422.1 GI:5961918
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K., Kisch,K., Stinchcomb,D.T. and McSwigen,J.
TITLE TNF- α , ribozymes
JOURNAL Patent: US 5811300-A 212 22-SEP-1998;
FEATURES
source 1.15
/organism="unknown"

BASE COUNT 4 a 0 c 4 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1480 TATTATTGAG 1493
DB 1 TATTATTGAG 14

RESULT 526
AR056147 AR056147 15 bp DNA 11linear PAT 29-SEP-1999
DEFINITION Sequence 351 from patent US 5837542.
ACCESSION AR056147
VERSION AR056147.1 GI:5961724
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwigen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 351 17-NOV-1998;
FEATURES
source 1.15
/organism="unknown"

BASE COUNT 4 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTATGCTCC 1300
DB 14 TGAGCTATGCTCC 1

RESULT 527
AR113420 AR113420 15 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR113420/c
DEFINITION Sequence 364 from patent US 6132966.
ACCESSION AR113420
VERSION AR113420.1 GI:14093742
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.
TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 6132966-A 364 17-OCT-2000;
FEATURES
source 1.15
/organism="unknown"

BASE COUNT 0 a 10 c 2 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGGG 1342
DB 15 GGCCAGAGAGGGG 2

RESULT 528
AR113905 AR113905 15 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR113905/c
DEFINITION Sequence 351 from patent US 6132967.
ACCESSION AR113905
VERSION AR113905.1 GI:14094227
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwigen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 351 17-OCT-2000;
FEATURES
source 1.15
/organism="unknown"

BASE COUNT 4 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTATGCTCC 1300
DB 14 TGAGCTATGCTCC 1

RESULT 529
AR180441 AR180441 15 bp DNA 11linear PAT 20-APR-2002
LOCUS AR180441/c
DEFINITION Sequence 509 from patent US 6333152.
ACCESSION AR180441
VERSION AR180441.1 GI:2022474
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE Gene expression profiles in normal and cancer cells
JOURNAL Patent: US 6333152-A 509 25-DEC-2001;
FEATURES
Location/Qualifiers

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source 1. .15
/organism="unknown"
BASE COUNT 3 a 3 c 6 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 650 ACTTCCAGCATG 663
|||||
14 ACTTCCAGCATG 1

RESULT 530
LOCUS AX057554 15 bp DNA linear PAT 17-JAN-2001
DEFINITION Sequence 10 from Patent WO0077259.
ACCESSION AX057554
VERSION AX057554.1 GI:12310282
KEYWORDS
SOURCE Dekkera bruxellensis
ORGANISM Dekkera bruxellensis
REFERENCE 1
AUTHORS Hyldig-Nielsen,J.J., O'Keefe,H.P. and Stender,H.
TITL Probe, probe sets, methods and kits pertaining to the detection,
JOURNAL identification and/or enumeration of yeast, particularly in wine
Patent: WO 0077259-A 10 21-DEC-2000;
Boston Probes, Inc. (US)
FEATURES
source 1. .15
/organism="Dekkera bruxellensis"
/mol_type="genomic DNA"
/db_xref="taxon:5007"
/notes="Description of Combined DNA/RNA Molecule: PROBING
Nucleobase Sequence"
BASE COUNT 4 a 6 c 3 g 2 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 974 TGGCTCCCAAAACC 987
|||||
2 TGGCTCCCAAAACC 15

RESULT 531
LOCUS AX085033 15 bp DNA linear PAT 09-MAR-2001
DEFINITION Sequence 210 from Patent WO0113117.
ACCESSION AX085033
VERSION AX085033.1 GI:13275181
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Herath,H.M.
TITL Proteins, genes and their use for diagnosis and treatment of breast
JOURNAL Cancer
Patent: WO 0113117-A 210 22-FEB-2001;
Oxford Glycosciences (UK) Limited (GB)
FEATURES
source 1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Probe"
BASE COUNT 2 a 3 c 7 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;

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Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1065 CAGCTGCAAGTTCA 1078
|||||
15 CAGCTGCAAGTTCA 2

RESULT 532
LOCUS AX104861 15 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 1053 from Patent WO0122972.
ACCESSION AX104861
VERSION AX104861.1 GI:13921058
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITL Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 1053 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 3 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CCTGCAGTTCACT 1080
|||||
2 CCTGCAGTTCACT 15

RESULT 533
LOCUS AX419946 15 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 283 from Patent WO0198537.
ACCESSION AX419946
VERSION AX419946.1 GI:21524313
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lyamchev,V., Allawi,H., Dong,F., Nerl,B.P. and Vener,I.T.
TITL Nucleic acid accessible hybridization sites
JOURNAL Patent: WO 0198537-A 283 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source 1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 5 c 4 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1531 CAGGCTATTCTGA 1544
|||||
1 CAGGCTATTCTGA 14

RESULT 534
LOCUS AX547914

```


LOCUS AX547914 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 1053 from Patent WO02053141.
ACCESSION AX547914
KEYWORDS AX547914.1 GI:25813058
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Bratzler,R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 1053 11-UTL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
1. 15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
BASE COUNT 3 a 3 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1067 CCTGCAGGTTCACT 1080
|||||
DB 2 CCTGCAGGTTAACT 15
RESULT 535
AX63177/c 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX63177
DEFINITION Sequence 316 from Patent EP1260586.
ACCESSION AX63177
VERSION AX63177.1 GI:28468791
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Ueman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 316 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 5 c 4 g 2 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1287 TGAGCTGTGGTCC 1300
|||||
DB 14 TGAGCTATGTGTC 1
RESULT 536
AX636045 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX636045
DEFINITION Sequence 3184 from Patent EP1260586.
ACCESSION AX636045
VERSION AX636045.1 GI:28471659
KEYWORDS

SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Ueman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 3184 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 4 c 3 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1557 ATCAGCTCCCAAG 1570
|||||
DB 1 ATCAGCTCCCAAG 14
RESULT 537
AX636902 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX636902
DEFINITION Sequence 4041 from Patent EP1260586.
ACCESSION AX636902
VERSION AX636902.1 GI:28472516
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Ueman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 4041 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. 15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 0 c 4 g 7 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1480 TATTATTATTTGGAG 1493
|||||
DB 1 TATTATTATTTGGAG 14
RESULT 538
BD013390/c 15 bp DNA linear PAT 27-AUG-2002
LOCUS BD013390
DEFINITION Apparatus for analyzing polymorphism of repeated sequence.
ACCESSION BD013390
VERSION BD013390.1 GI:22553704
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
REFERENCE Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE 1 (bases 1 to 15)
JOURNAL Takahashi, T.
Apparatus for analyzing polymorphism of repeated sequence
Patent: JP 2001086993-A 2 03-APR-2001;
OLYMPUS OPTICAL CO LTD
OS Homo sapiens (human)
PN JP 2001086993-A/2
PD 03-APR-2001
PF 24-SEP-1999 JP 1999271288
PI TAKEO TAKAHASHI
PC C12N15/09, C12M1/00, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT repeat_region (1) .(15).
Location/Qualifiers
1. .15
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 0 a 0 c 5 g 10 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 CACACACACGACA 397
DB 15 CACACACACACACA 2

RESULT 539
BD178528
LOCUS BD178528 15 bp DNA linear PAT 16-APR-2003
DEFINITION Method of detecting nucleic acid relating to disease.
ACCESSION BD178528
VERSION BD178528.1 GI:30015794
KEYWORDS WO 02077281-A/34.
SOURCE unidentified
ORGANISM unidentified
REFERENCE unclassified.
1 (bases 1 to 15)
AUTHORS Hashimoto, K., Hashimoto, M., Mishiro, S. and Ota, Y.
TITLE Method of detecting nucleic acid relating to disease
JOURNAL Patent: WO 02077281-A 34 03-OCT-2002;
TOSHIBA CORP, KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO,
YASUHIKO OTA
OS Hepatitis virus (hepatitis C virus)
PN WO 02077281-A/34
PD 03-OCT-2002
PF 05-MAR-2002 WO 2002JP002030
PR 27-MAR-2001 JP 01P 090053, 18-SEP-2001 JP 01P 284112 PI
KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO, YASUHIKO OTA PC
C12Q1/68, C12N15/09, C12M1/00, G01N33/53, G01N33/543, G01N33/566, PC
G01N33/576,
PC G01N37/00
CC Method of detecting nucleic acid relating to disease FH Key
FT source Location/Qualifiers
1. .15
/organism="Hepatitis virus (hepatitis C virus)"
Location/Qualifiers
1. .15
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 5 a 3 c 6 g 1 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CCGAAGGGGAGA 316
DB 2 CCGAAGGGGAGA 15

RESULT 540
157827/c
LOCUS 157827/c 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 364 from patent US 5610054.
ACCESSION 157827
VERSION 157827.1 GI:2482891
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE unclassified.
1 (bases 1 to 15)
AUTHORS Draper, K.G.
TITLE Enzymatic RNA molecule targeted against Hepatitis C virus
JOURNAL Patent: US 5610054-A 364 11-MAR-1997;
FEATURES Location/Qualifiers
1. .15
/organism="unknown"

BASE COUNT 0 a 10 c 2 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGGGG 1342
DB 15 GGCCATGAGGGGG 2

RESULT 541
161551
LOCUS 161551 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 105 from patent US 5658780.
ACCESSION 161551
VERSION 161551.1 GI:2479499
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE unclassified.
1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 105 19-AUG-1997;
FEATURES Location/Qualifiers
1. .15
/organism="unknown"

BASE COUNT 4 a 4 c 3 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCCAAG 1570
DB 1 ATCAGCTCCCAAG 14

RESULT 542
S65223
LOCUS S65223 15 bp mRNA linear PRI 07-MAY-1993
DEFINITION arylsulfolatase B (ASB) [human, mRNA Partial Mutant, 15 nt].
ACCESSION S65223
VERSION S65223.1 GI:238983
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Wicker, G., Prill, V., Brooks, D., Gibson, G., Hopwood, J., von
 Figura, K., and Peters, C.
 TITLE Mucopolysaccharidosis VI (Maroteaux-Lamy syndrome). An intermediate
 clinical phenotype caused by substitution of valine for glycine at
 position 137 of arylsulphatase B
 JOURNAL J. Biol. Chem. 266 (32), 21386-21391 (1991)
 MEDLINE 92042029
 PUBMED 1718978
 REMARK Genbank staff at the National Library of Medicine created this
 entry [NCBI gisbq 65223] from the original journal article.
 COMMENT This sequence comes from Fig. 2
 G-to-A point mutation at nt #1126 changes a.a. #376 from Val to
 Met.

FEATURES
 source Location/Qualifiers
 1..15
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 1..15
 /partial
 /gene="arylsulfatase B (ASB)"

BASE COUNT 5 a 2 c 4 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 226 TTCACATGTGGA 239
 |||||
 1 TTCGACATGTGGA 14

Db 1 TTCGACATGTGGA 14

RESULT 543
 LOCUS A88489 16 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 637 from Patent WO9833904.
 ACCESSION A88489
 VERSION A88489.1 GI:6737059
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Brysch, W. and Schlingensiepen, K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 637 06-AUG-1998;
 BIOLOGISTIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
 source Location/Qualifiers
 1..16
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGAGGAGCA 1591
 |||||
 16 GCTGAGGAGCA 3

Db 16 GCTGAGGAGCA 3

RESULT 544
 LOCUS A90456 16 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 637 from Patent EP0856579.
 ACCESSION A90456
 VERSION A90456.1 GI:6738970
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 16)
 AUTHORS Brysch, W.D. and Schlingensiepen, K.D.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: EP 0856579-A 637 05-AUG-1998;
 BIOLOGISTIK GES (DE)
 FEATURES
 source Location/Qualifiers
 1..16
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGAGGAGCA 1591
 |||||
 16 GCTGAGGAGCA 3

Db 16 GCTGAGGAGCA 3

RESULT 545
 LOCUS AR211616 16 bp DNA linear PAT 20-JUN-2002
 DEFINITION Sequence 35 from patent US 6399340.
 ACCESSION AR211616
 VERSION AR211616.1 GI:21514985
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Saito, Y., Noguchi, Y., Yoshikawa, K. and Seeda, S.
 TITLE Vector derivatives of glucocorticoid plasmid pF4
 JOURNAL Patent: US 6399340-A 35 04-JUN-2002;
 FEATURES
 source Location/Qualifiers
 1..16
 /organism="unknown"

BASE COUNT 4 a 3 c 7 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 449 ACGGCTCGGAGC 462
 |||||
 3 ACGGCTCGGAGC 16

Db 3 ACGGCTCGGAGC 16

RESULT 546
 LOCUS AX252970 16 bp DNA linear PAT 05-OCT-2001
 DEFINITION Sequence 13 from Patent WO0168900.
 ACCESSION AX252970
 VERSION AX252970.1 GI:15986224
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Walcher, M., Wagner, M. and Snajdr, J.
 TITLE Method for specifically detecting microorganisms by polymerase
 chain reaction
 JOURNAL Patent: WO 0168900-A 13 20-SEP-2001;
 Vericon AG (DE)
 FEATURES
 source Location/Qualifiers
 1..16
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen Sequenz:
 Oligonukleotidprimer"

BASE COUNT 1 a 3 c 7 g 4 t 1 others

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGCAGATCCACCTC 768
|||||
16 CAGCAGCAGCAGCCTC 1

DB 16 CAGCAGCAGCAGCCTC 1

RESULT 547

BD066002/c

LOCUS BD066002 16 bp DNA linear PAT 27-AUG-2002

DEFINITION An antisense oligonucleotide preparation method.

ACCESSION BD066002

VERSION BD066002.1 GI:22611605

KEYWORDS JP 2001511000-A/637.

SOURCE unclassified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 16)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 637 07-AUG-2001;
BIOLOGISTIK GESBILDSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT OS Unknown
PN JP 2001511000-A/637
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key

FEATURES

source 1. .16
Location/Qualifiers
FT source 1. .16
/organism='Unknown'.

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGCAGGAGCA 1591
|||||
16 GCTGAGGAGCA 3

DB 16 GCTGAGGAGCA 3

RESULT 548

BD104144

LOCUS BD104144 16 bp DNA linear PAT 27-AUG-2002

DEFINITION Kit and method for determining HLA type.

ACCESSION BD104144

VERSION BD104144.1 GI:22649718

KEYWORDS WO 0192572-A/248.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 16)
Ito, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
Kit and method for determining HLA type
Patent: WO 0192572-A 248 06-DEC-2001;
NISHINO INDUSTRIES INC., SYSTEM RESEARCH INC., HIDETOSHI INOKO, TAKAO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA

COMMENT OS Artificial Sequence
PN WO 0192572-A/248

PD 06-DEC-2001

PF 01-JUN-2001 WO 2001JP004662

PR 01-JUN-2000 JP 00P 164798

PI HIDETOSHI INOKO, TAKAO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH Key
FT source 1. .16
Location/Qualifiers
FT source 1. .16
/organism='Artificial Sequence'.

FEATURES

source 1. .16
Location/Qualifiers
FT source 1. .16
/organism='Artificial Sequence'.

BASE COUNT 6 a 4 c 5 g 1 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1155 CCTAACCGAGAG 1168
|||||
1 CCATTAACGAGAG 14

DB 1 CCATTAACGAGAG 14

RESULT 549

E33197

LOCUS E33197 16 bp DNA linear PAT 18-JUN-2001

DEFINITION Reagent for detecting gene polymorphism of apolipoprotein E gene

ACCESSION E33197

VERSION E33197.1 GI:13022360

KEYWORDS JP 2000050898-A/9.

SOURCE unclassified

ORGANISM unclassified.

REFERENCE 1 (bases 1 to 16)
Norinobu, K. and Toshiaki, B.
Reagent for detecting gene polymorphism of apolipoprotein E gene
and alpha-1antitrypsin gene and detection method
Patent: JP 2000050898-A 9 22-FEB-2000;
NISSHO CORP

COMMENT OS Unclassified
PN JP 2000050898-A/9
PD 22-FEB-2000
PF 06-AUG-1998 JP 1998235033
PR NORINOBU KUSABA, TOSHITAKI BABA
PC C12Q1/68, A61B5/00, C12N15/09, G01N33/566, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source 1. .16
Location/Qualifiers
FT source 1. .16
/organism='Unidentified'.

FEATURES

source 1. .16
Location/Qualifiers
FT source 1. .16
/organism='Unidentified'.

BASE COUNT 0 a 5 c 6 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1411 CTCCTGCGCTGGG 1424
|||||
2 CTCCTGCGCTGGG 15

DB 2 CTCCTGCGCTGGG 15

RESULT 550

134993/c
 LOCUS 134993 16 bp DNA 11linear PAT 13-MAY-1997
 DEFINITION Sequence 79 from patent US 5599704.
 ACCESSION 134993
 VERSION 134993.1 GI:2087961
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 1 (bases 1 to 16)
 AUTHORS Thompson,J.D. and Draper,K.G.
 TITLE EribB2/neu targeted ribozymes
 JOURNAL Patent: US 5599704-A 79 04-FEB-1997;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 2 c 7 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1554 GACATCAGCTCCCA 1567
 Db 15 GTCTCAGCTCCCA 2

RESULT 551
 AX688733 17 bp DNA 11linear PAT 31-MAR-2003
 LOCUS AX688733/c
 DEFINITION Sequence 1465 from Patent EP1281758.
 ACCESSION AX688733
 VERSION AX688733.1 GI:29411437
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 JOURNAL Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 PATENT: BP 1281758-A 1465 05-FEB-2003;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1064 GCACCTGAGGTTTC 1077
 Db 15 GCACCTGAGGTTTC 2

RESULT 552
 AX688734 17 bp DNA 11linear PAT 31-MAR-2003
 LOCUS AX688734/c
 DEFINITION Sequence 1466 from Patent EP1281758.
 ACCESSION AX688734
 VERSION AX688734.1 GI:29411438
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 JOURNAL Shannon,M., Gu,Y. and Nguyen,C.T.

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: BP 1281758-A 1466 05-FEB-2003;
 ACCESSION Aecmca, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 7 c 5 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1064 GCACCTGAGGTTTC 1077
 Db 14 GCACCTGAGGTTTC 1

RESULT 553
 A25093 17 bp DNA 11linear PAT 27-FEB-1995
 LOCUS A25093/c
 DEFINITION Synthetic Streptomyces nodosus sequencing primer P903.
 ACCESSION A25093
 VERSION A25093.1 GI:833545
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE artificial sequences.
 1 (bases 1 to 17)
 JOURNAL SECONDARY-METABOLITE BIOSYNTHESIS GENES FROM ACTINOMYCETES, METHOD OF ISOLATING THEM, AND THEIR USE
 PATENT: NO 9306219-A 14 01-APR-1993;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1178 TGTTCTGACATC 1191
 Db 4 TGTTCTGACATC 17

RESULT 554
 A25094 17 bp DNA 11linear PAT 27-FEB-1995
 LOCUS A25094/c
 DEFINITION Synthetic Streptomyces nodosus sequencing primer Prev919.
 ACCESSION A25094
 VERSION A25094.1 GI:833546
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE artificial sequences.
 1 (bases 1 to 17)
 JOURNAL SECONDARY-METABOLITE BIOSYNTHESIS GENES FROM ACTINOMYCETES, METHOD OF ISOLATING THEM, AND THEIR USE
 PATENT: NO 9306219-A 15 01-APR-1993;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 6 a 5 c 3 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCCTGACATC 1191
 Db 14 TGTTCCTGACATC 1

RESULT 555

AR039547

LOCUS AR039547 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 395 from patent US 5807743.
 ACCESSION AR039547
 VERSION AR039547.1 GI:5958910
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 395 15-SEP-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 6 c 2 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTCCACCAC 563
 Db 2 TTGGCATTCCACCAC 15

RESULT 556

AR039549

LOCUS AR039549 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 397 from patent US 5807743.
 ACCESSION AR039549
 VERSION AR039549.1 GI:5958912
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 397 15-SEP-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 6 c 3 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTCCACCAC 563
 Db 1 TTGGCATTCCACCAC 14

RESULT 557

AR039629

LOCUS AR039629 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 477 from patent US 5807743.
 ACCESSION AR039629
 VERSION AR039629.1 GI:5958992
 KEYWORDS
 SOURCE Unknown.

ORGANISM Unknown.
 Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 477 15-SEP-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 9 c 0 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1003 TCCATCTACCCACC 1016
 Db 4 TCCATCTACCCACC 17

RESULT 558

AR039765

LOCUS AR039765 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 613 from patent US 5807743.
 ACCESSION AR039765
 VERSION AR039765.1 GI:5959128
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 613 15-SEP-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 8 c 2 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTCTACAGCCC 899
 Db 4 GAGTCTACAGCCC 17

RESULT 559

AR039767

LOCUS AR039767 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 615 from patent US 5807743.
 ACCESSION AR039767
 VERSION AR039767.1 GI:5959130
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 615 15-SEP-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTCTACAGCCC 899

Db 2 GACTCTACAGCCC 15

RESULT 560
LOCUS AR046766/c 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1559 from patent US 5817796.
ACCESSION AR046766
VERSION AR046766.1 GI:5968231
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
JOURNAL C-myb ribozymes having 2'-5'-linked adenylylate residues
FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 5 a 5 c 2 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 880 TCGCTGAGCTCTA 893
Db 15 TAGCTGAGCTCTA 2

RESULT 561
LOCUS AR047298 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 2091 from patent US 5817796.
ACCESSION AR047298
VERSION AR047298.1 GI:5968763
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
JOURNAL C-myb ribozymes having 2'-5'-linked adenylylate residues
FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 2 a 3 c 4 g 8 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1304 CGCTGCTCGGTTT 1317
Db 2 CGCTGCTAGGTTT 15

RESULT 562
LOCUS AR047770/c 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 2563 from patent US 5817796.
ACCESSION AR047770
VERSION AR047770.1 GI:5969235
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
JOURNAL C-myb ribozymes having 2'-5'-linked adenylylate residues
FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 3 a 5 c 5 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1548 CCGATGACATCAG 1561
Db 15 CCGTGTGACATCAG 2

FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 5 a 5 c 2 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 880 TCGCTGAGCTCTA 893
Db 15 TAGCTGAGCTCTA 2

RESULT 563
LOCUS AR101699 17 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 54 from patent US 6083698.
ACCESSION AR101699
VERSION AR101699.1 GI:12812497
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Olson,S.Jon., Angelly,T.Staton., Lawrence,T., Lescallett,J.Lee.,
Murphy,P.Davis., Allen,A.Preisinger., Thurber,D.Bernadette.,
White,M.Belle., Zeng,B. and Sadzewicz,L.K.
JOURNAL Cancer susceptibility mutations of BRCA1
FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 5 a 2 c 8 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 775 AAGTGAACGGCT 788
Db 1 AAGAGAACGGGCT 14

RESULT 564
LOCUS AR186630/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2118 from patent US 6346398.
ACCESSION AR186630
VERSION AR186630.1 GI:20232595
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Pavco,P., McSwiggen,J., Stinchcomb,D. and Bacabedo,J.
JOURNAL Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
FEATURES
source 1.17
Location/Qualifiers
BASE COUNT 3 a 5 c 5 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1548 CCGATGACATCAG 1561
Db 15 CCGTGTGACATCAG 2

RESULT 565
LOCUS AR188515/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4003 from patent US 6346398.
ACCESSION AR188515
VERSION AR188515.1 GI:20234480
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
TITLE P., McSwigen, J., Stinchcomb, D. and Becobedo, J.
METHOD and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4003 12-PEB-2002;
FEATURES
SOURCE location/Qualifiers
1. .17
BASE COUNT 3 a 5 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 235 TGAAGAGATCCC 248
Db 17 TGAAGAGATCAC 4
RESULT 566
LOCUS AR286414/c 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 786 from patent US 6528640.
ACCESSION AR286414
VERSION AR286414.1 GI:29724010
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
TITLE Beigelman, L., Burgin, A., Beaudry, A., Karpelesky, A.,
Matulic-Adamic, V., Sweedler, D. and Zinnen, S.
JOURNAL Synthetic ribonucleic acids with RNase activity
PATENT: US 6528640-A 786 04-MAR-2003;
FEATURES
SOURCE location/Qualifiers
1. .17
BASE COUNT 3 a 2 c 8 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1554 GACATCAGCTCCA 1567
Db 17 GTCATCAGCTCCA 4
RESULT 567
LOCUS AX024898 17 bp DNA linear PAT 15-SEP-2000
DEFINITION Sequence 15 from Patent WO0028025.
ACCESSION AX024898
VERSION AX024898.1 GI:10184836
KEYWORDS
SOURCE Pholas dactylus
ORGANISM Pholas dactylus
REFERENCE Bhatiyota; Metazoa; Mollusca; Bivalvia; Heteroconchia; Veneroidea;
TITLE Pholadidae; Pholadidae; Pholas.
JOURNAL Campbell, A.K.
PATENT: WO 0028025-A 15 18-MAY-2000;

UNIV WALBS MEDICINE (GB) ; CAMPBELL ANTHONY KEITH (GB)
FEATURES
SOURCE location/Qualifiers
1. .17
/organism="Pholas dactylus"
/mol_type="genomic DNA"
/db_xref="taxon:52916"
BASE COUNT 2 a 3 c 7 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 712 GACTCGGGCTCTT 725
Db 2 GACTCGGGCTCTT 15
RESULT 568
LOCUS AX137487 17 bp DNA linear PAT 30-MAY-2001
DEFINITION Sequence 62 from Patent EP1098003.
ACCESSION AX137487
VERSION AX137487.1 GI:14273681
KEYWORDS
SOURCE
ORGANISM synthetic construct
REFERENCE synthetic construct
AUTHORS artificial sequences.
1
TITLE Kasai, H., Hareyama, S. and Ezaki, T.
JOURNAL Identification utilizing dna gyrase gene
PATENT: EP 1098003-A 62 09-MAY-2001;
MARINE BIOTECHNOLOGY INSTITUTE CO., LTD. (JP)
FEATURES
SOURCE location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic DNA"
BASE COUNT 5 a 4 c 5 g 2 t 1 others
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 460 AGCGATACATCGTCA 475
Db 1 AGCGATACATCGTCA 16
RESULT 569
LOCUS AX214599/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 41 from Patent WO0159103.
ACCESSION AX214599
VERSION AX214599.1 GI:15524642
KEYWORDS
SOURCE
ORGANISM synthetic construct
REFERENCE synthetic construct
AUTHORS artificial sequences.
1
TITLE Blatt, L., McSwigen, J. and Chowitra, B.M.
JOURNAL Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
PATENT: WO 0159103-A 41 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwigen, James (US) ; Chowitra, Bharat M. (US)
FEATURES
SOURCE location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"


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BASE COUNT      2 a      9 c      3 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1334 TGGAGGGGAGACT 1347
      |||||
Db      17 TGGAGGGGAGACT 4

RESULT 570
AX214618
LOCUS      AX214618      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 60 from Patent WO0159103.
ACCESSION      AX214618
VERSION      AX214618.1 GI:15524661
KEYWORDS
ORGANISM
SOURCE
REFERENCE
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL      RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
      McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
   /note="Nucleic Acid"

BASE COUNT      2 a      5 c      5 g      5 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1231 CTGCAGCTGAGCCT 1244
      |||||
Db      3 CTGCAGCTGAGCCT 16

RESULT 571
AX215979/c
LOCUS      AX215979      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 1421 from Patent WO0159103.
ACCESSION      AX215979
VERSION      AX215979.1 GI:15526022
KEYWORDS
ORGANISM
SOURCE
REFERENCE
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL      RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
      McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
   /note="Nucleic Acid"

BASE COUNT      1 a      6 c      5 g      5 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      1319 CAGAGCGGGGCC 1332
      |||||
Db      14 CAGAGCGGGGCC 1

RESULT 572
AX216142/c
LOCUS      AX216142      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 1584 from Patent WO0159103.
ACCESSION      AX216142
VERSION      AX216142.1 GI:15526185
KEYWORDS
ORGANISM
SOURCE
REFERENCE
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL      RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
      McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
   /note="Nucleic Acid"

BASE COUNT      3 a      8 c      3 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1334 TGGAGGGGAGACT 1347
      |||||
Db      16 TGGAGGGGAGACT 3

RESULT 573
AX218180
LOCUS      AX218180      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 3622 from Patent WO0159103.
ACCESSION      AX218180
VERSION      AX218180.1 GI:15528241
KEYWORDS
ORGANISM
SOURCE
REFERENCE
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL      RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
      McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
   /note="Nucleic Acid"

BASE COUNT      6 a      4 c      4 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1467 CCAAGAGAAATGCT 1480
      |||||
Db      2 CCAAGAGAAATGCT 15

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RESULT 574
LOCUS AX218315 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 3757 from Patent WO0159103.
ACCESSION AX218315
VERSION AX218315.1 GI:15528376
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Blatt, L., McSwiggen, J., and Chowitra, B.M.
   Method and reagent for the modulation and diagnosis of cd20 and
   nogo gene expression
   Patent: WO 0159103-A 3757 16-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
   McSwiggen, James (US) ; Chowitra, Bharat M. (US)
JOURNAL
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
   /note="Nucleic Acid"
BASE COUNT      5 a      4 c      4 g      4 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1467 CCAGAGAAATGCT 1480
Db      3 CCAGAGACATGCT 16

RESULT 575
LOCUS AX226887 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 259 from Patent WO0157206.
ACCESSION AX226887
VERSION AX226887.1 GI:15556028
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 259 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
BASE COUNT      1 a      6 c      4 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      14 GCAGGAGCCAAAC 1

RESULT 576
LOCUS AX227244 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 616 from Patent WO0157206.
ACCESSION AX227244
VERSION AX227244.1 GI:15556385

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KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 616 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
BASE COUNT      1 a      5 c      5 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      15 GCAGGAGCCAAAC 2

RESULT 577
LOCUS AX227504 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 876 from Patent WO0157206.
ACCESSION AX227504
VERSION AX227504.1 GI:15556645
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 876 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1. .17
   /organism="synthetic construct"
   /mol_type="mRNA"
   /db_xref="taxon:32630"
BASE COUNT      2 a      4 c      5 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      17 GCAGGAGCCAAAC 4

RESULT 578
LOCUS AX227619 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 991 from Patent WO0157206.
ACCESSION AX227619
VERSION AX227619.1 GI:15556760
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 991 09-AUG-2001;
JOURNAL

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FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

BASE COUNT
2 a 4 c 5 g 6 t

Db
4 GGTTGACTTCCGGC 17

RESULT 579
AX272673 17 bp mRNA linear PAT 29-OCT-2001
LOCUS
DEFINITION
Sequence 242 from Patent WO0162911.
AX272673
VERSION
AX272673.1 GI:16545410
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
Ellis, J.H.
TITLE
Method and reagent for the inhibition of grid
Patent: WO 0162911-A 242 30-AUG-2001;
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
5 a 2 c 8 g 2 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db
14 CTTCTGCTCCCA 1

RESULT 580
AX298318 17 bp DNA linear PAT 26-NOV-2001
LOCUS
DEFINITION
Sequence 28 from Patent WO0183812.
AX298318
VERSION
AX298318.1 GI:17128335
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
1 Piperno, A., Gasparini, P., Camaschella, C., de Villiers, N.,
Oberkanins, C. and Kury, F.
TITLE
Method and probes for the genetic diagnosis of hemochromatosis
Patent: WO 0183812-A 28 08-NOV-2001;
JOURNAL
Viennalab Labor Diagnostika GmbH (AT)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 2 c 9 g 2 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db
16 TCCACCTCTGGAC 3

Query
761 TCCACCTCTGGAC 774

RESULT 581
AX422687 17 bp mRNA linear PAT 18-JUN-2002
LOCUS
DEFINITION
Sequence 1023 from Patent WO0188124.
AX422687
VERSION
AX422687.1 GI:21526069
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1023 22-NOV-2001;
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
6 a 3 c 3 g 5 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db
4 CAACTGTGAGAT 17

RESULT 582
AX422955 17 bp mRNA linear PAT 18-JUN-2002
LOCUS
DEFINITION
Sequence 1291 from Patent WO0188124.
AX422955
VERSION
AX422955.1 GI:21526337
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
1 Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1291 22-NOV-2001;
JOURNAL
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
6 a 3 c 4 g 4 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db
1273 CAACTGTGAGAT 1286

Db 3 CAAACTGGAAGAT 16

RESULT 583
AX422956 17 bp mRNA linear PAT 18-JUN-2002
LOCUS Sequence 1292 from Patent WO0188124.
ACCESSION AX422956
VERSION AX422956.1 GI:21526338
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Primates; Catarrhini; Homiidae; Homo.
JOURNAL
TITL Rando, T., von Carlwitz, I., Mewissen, J.A., McLaughlin, F.G. and
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1292 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
SOURCE location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1273 CAAACTGGAAGAT 1286
Db 1 CAAACTGGAAGAT 14

RESULT 584
AX475120 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 341 from Patent WO0224750.
ACCESSION AX475120
VERSION AX475120.1 GI:22214405
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL
TITL Zhang, J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 341 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 5 c 2 g 8 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1227 GAAACTGAGCTGA 1240
Db 17 GAAACTGAGCTGA 4

RESULT 585
AX475121 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 342 from Patent WO0224750.
ACCESSION AX475121

VERSION AX475121.1 GI:22214406
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhang, J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 342 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 5 c 2 g 8 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1227 GAAACTGAGCTGA 1240
Db 16 GAAACTGAGCTGA 3

RESULT 586
AX475211 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 432 from Patent WO0224750.
ACCESSION AX475211
VERSION AX475211.1 GI:22214496
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL
TITL Zhang, J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 432 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 5 c 1 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 661 ATTTTCCCTTCAA 674
Db 4 ATTTTCCCTTCAA 17

RESULT 587
AX475212 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 433 from Patent WO0224750.
ACCESSION AX475212
VERSION AX475212.1 GI:22214497
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL
TITL Zhang, J.
Human kidney tumor overexpressed membrane protein 1

JOURNAL Patent: WO 0224750-A 433 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 1 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
3 ATTTCCTTCAA 16

RESULT 588

AX475213 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 434 from Patent WO0224750.
DEFINITION AX475213
ACCESSION AX475213.1 GI:22214498
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 434 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 5 c 1 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
2 ATTTCCTTCAA 15

RESULT 589

AX475214 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 435 from Patent WO0224750.
DEFINITION AX475214
ACCESSION AX475214.1 GI:22214499
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 435 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 0 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
2 ATTTCCTTCAA 15

RESULT 590

AX499159 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 466 from Patent EP1229046.
DEFINITION AX499159
ACCESSION AX499159.1 GI:23381452
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
1 ATTTCCTTCAA 14

RESULT 590

AX499159 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 466 from Patent EP1229046.
DEFINITION AX499159
ACCESSION AX499159.1 GI:23381452
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 466 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 9 c 3 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 GTACCGACCTTCC 427
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4 GTCCGACCTTCC 17

RESULT 591

AX500281 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 1588 from Patent EP1229046.
DEFINITION AX500281
ACCESSION AX500281.1 GI:23382574
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1588 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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/db_xref="taxon:9606"

BASE COUNT 4 a 5 c 2 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 AACATCTGCTT 494
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2 AACATCTGCTT 15

RESULT 591

AX500281 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 1588 from Patent EP1229046.
DEFINITION AX500281
ACCESSION AX500281.1 GI:23382574
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1588 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 5 c 2 g 6 t

RESULT 592
AX500282 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX500282 Sequence 1589 from Patent EP1239046.
DEFINITION AX500282
ACCESSION AX500282
VERSION AX500282.1 GI:23382575
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1589 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 2 g 5 t

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 AACATCTGTCTT 494
|||||
1 AACATCTGTCTT 14

Db

RESULT 593
AX531289 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531289 Sequence 798 from Patent EP1239051.
DEFINITION AX531289
ACCESSION AX531289
VERSION AX531289.1 GI:25254364
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M.
JOURNAL Human posh-like protein 1
Patent: EP 1239051-A 798 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
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BASE COUNT 6 a 4 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
|||||
4 TCATCAGCAGCAG 17

Db

RESULT 594
AX531290 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531290 Sequence 799 from Patent EP1239051.
DEFINITION AX531290
ACCESSION AX531290
VERSION AX531290.1 GI:25254366
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M.
JOURNAL Human posh-like protein 1
Patent: EP 1239051-A 799 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
|||||
3 TCATCAGCAGCAG 16

Db

RESULT 595
AX531291 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531291 Sequence 800 from Patent EP1239051.
DEFINITION AX531291
ACCESSION AX531291
VERSION AX531291.1 GI:25254368
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M.
JOURNAL Human posh-like protein 1
Patent: EP 1239051-A 800 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
|||||
2 TCATCAGCAGCAG 15

Db

RESULT 596
AX531292 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531292 Sequence 801 from Patent EP1239051.
DEFINITION AX531292
ACCESSION AX531292
VERSION AX531292.1 GI:25254370
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M.
JOURNAL Human posh-like protein 1
Patent: EP 1239051-A 801 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17

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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT      4 a      7 c      3 g      3 t

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[illegible][illegible]

REFERENCE	1
AUTHORS	Shannon, M.
TITLE	Human poash-like protein 1
JOURNAL	Patent: EP 1239051-A 1593 11-SEP-2002;
FEATURES	Acemica, Inc (US)
SOURCE	Location/Qualifiers
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	BASE COUNT	2 a	-	6 c	4 g	5 t
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Query Match	Score 12.4%	DB 1	Length 17
Best Local Similarity	92.9%	Pred. No. 4.2e+02	
Matches 13, Conservative	0	Mismatches 1	Indels 0
Gaps 0			
QY	1038	CCTGAGCTCTTGAA	1051
Db	17	CCGGAGCTTGAA	4

RESULT	598				
LOCUS	AX532085/c				
DEFINITION	AX532085	17 bp	DNA	linear	PAT 22-NOV-2002
Accession	Sequence 1594 from Patent EP12339051.				

REFERENCE	1
AUTHORS	Shannon M.
TITLE	Human posh-1 like protein 1
JOURNAL	Patent: EP 1239051-A 1994 11-SEP-2002;
FEATURES	Aeomica, Inc. (US)
source	location/Qualifiers
	1. .17

BASB COUNT	3 a	6 c	3 g	5 t
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Query Match	0.9%	Score	12.4	DB	1	Length	17
Best Local Similarity	92.9%	Pred. NO.	4.2e+02				
Matches	13	Conservative	0	Mismatches	1	Indels	0
						Gaps	0

Qy	1038	CCTGGAGTCTGGA	1051
Db	16	CCGGAGTCTGGA	3

RESULT	599		
AX532086/c			
LOCUS	AX532086	17 bp	DNA
DEFINITION	Sequence 1595 from Patent		linear
ACCESSION	AX532086	EP12339051.	PAT 22-NOV-2002
VERSION	AX532086.1	GI:25255936	
KEYWORDS			
SOURCE			
ORGANISM	Homo sapiens (human)		
	Homo sapiens		

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES

1
Shannon, M.
Human p53-like protein 1
Patent: EP 1239051-A 1595 11-SEP-2002;
Aecmica, Inc. (US)
Location/Qualifiers

Euarystota; Metazoa; Chordata; Cranata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

BASE COUNT	3 a	6 c	4 g	4 e
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Query Match	0.9%	Score 12.4	DB 1	Length 17
Best Local Similarity	92.9%	Pred. No. 4.2e+07		
Matches 13, Conservative	0	Mismatches 1	Indels 0	Gaps 0

Qy	1038	CCTGGAGTCTGGA	1051
Db	15	CCGGAGTCTGGA	2

RESULT	600		
AX532087/c			
LOCUS	AX532087	17 bp	DNA
DEFINITION	Sequence 1596 from Patent		linear
ACCESSION	AX532087		PAT 22-NOV-2002
VERSION	AX532087.1		
KEYWORDS	GI:25255938		
SOURCE			
ORGANISM	Homo sapiens (human)		
	Homo sapiens		

REFERENCE
1 Shannon, M.
AUTHORS Human poxv- like protein 1
TITLE Patent: EP 1239051-A 1596 11-SEP-2002;
JOURNAL Aecomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1. 17

BASIS COUNT	3 a	7 c	4 g	3 t
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Query Match	0.94	Score 12.4	DB 1	Length 17
Best Local Similarity	92.94	Pred. NO.4.2e+02		
Matches 13, Conservative	0	Mismatches 1	Indels 0	Gaps 0

QY	1038	CTGAGTCTGGAA	1051
Db	14	CCGGAGTCTGGA	1

RESULT 601			
AX673440/c			
LOCUS			
AX673440	17 bp	DNA	linear
Sequence 1885 from Patent WO03004526.			PAT 27-MAR-2003

ACCESSION AX673440 GI:29331788
VERSION
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 3 a 4 c 4 g 6 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 749 ACATCAGCAGATC 762
DB 14 ACAGCAGCAGATC 1
RESULT 602
AX674389 17 bp DNA linear PAT 27-MAR-2003
LOCUS
DEFINITION Sequence 2834 from Patent WO03004526.
ACCESSION AX674389
VERSION AX674389.1 GI:29332737
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 5 a 2 c 6 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 422 CTTCCAGTCCAG 435
DB 17 CTTCCAGTCCAG 4
RESULT 603
AX688216 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 948 from Patent EP1281758.
ACCESSION AX688216
VERSION AX688216.1 GI:29410916
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 8 a 2 c 7 g 0 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1513 AAGGATTAAGAGGC 1526
DB 4 AAGGATTAAGAGGC 17
RESULT 604
AX688217 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 949 from Patent EP1281758.
ACCESSION AX688217
VERSION AX688217.1 GI:29410917
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 8 a 2 c 7 g 0 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1513 AAGGATTAAGAGGC 1526
DB 3 AAGGATTAAGAGGC 16
RESULT 605
AX688601 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 1333 from Patent EP1281758.
ACCESSION AX688601
VERSION AX688601.1 GI:29411303
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS
TITLE
JOURNAL


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FEATURES             Aeomica, Inc. (US)
    source            1..17
                    /organism="Homo sapiens"
                    /mol_type="genomic DNA"
                    /db_xref="taxon:9606"
BASE COUNT           3 a      5 c      6 g      3 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      338 GGCCCTACGCTGAC 351
      4 GGCCCTACGCTGAC 17

RESULT 606
LOCUS      AX688727              17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 1459 from Patent EP1281758.
ACCESSION  AX688727
VERSION     AX688727.1 GI:29411431
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLES      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 1459 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES
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                    /organism="Homo sapiens"
                    /mol_type="genomic DNA"
                    /db_xref="taxon:9606"
BASE COUNT           4 a      6 c      6 g      1 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1060 GTCAGCAGCTGCAG 1073
      4 GGCAGCAGCTGCAG 17

RESULT 607
LOCUS      AX688735              17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION Sequence 1467 from Patent EP1281758.
ACCESSION  AX688735
VERSION     AX688735.1 GI:29411439
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLES      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 1467 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES
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                    /mol_type="genomic DNA"
                    /db_xref="taxon:9606"
BASE COUNT           3 a      7 c      5 g      2 t

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Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1065 CACCTGACAGTTCA 1078
      1 CACCTGACAGTTCA 14

RESULT 608
LOCUS      AX699140              17 bp      DNA      linear      PAT 02-APR-2003
DEFINITION Sequence 81 from Patent WO0300727.
ACCESSION  AX699140
VERSION     AX699140.1 GI:29499789
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS     Zhang, Y., Moffatt, M., Cookson, W. and Tinsley, J.
TITLES      Acopy
JOURNAL     Patent: WO 0300727-A 81 03-JAN-2003;
            ISIS INNOVATION LIMITED (GB)
FEATURES
    source            1..17
                    /organism="synthetic construct"
                    /mol_type="genomic DNA"
                    /db_xref="taxon:32630"
                    /note="Primer"
BASE COUNT           5 a      2 c      9 g      1 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1092 TCTCTCCAGCTTC 1105
      16 TCTCTCCAGCTTC 3

RESULT 609
LOCUS      AX717705              17 bp      DNA      linear      PAT 15-APR-2003
DEFINITION Sequence 11 from Patent WO02097132.
ACCESSION  AX717705
VERSION     AX717705.1 GI:29890718
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS     Lee, M.A.
TITLES      Nucleic acid detection method
JOURNAL     Patent: WO 02097132-A 11 05-DEC-2002;
            The Secretary of State DSTL (GB)
FEATURES
    source            1..17
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                    /mol_type="genomic DNA"
                    /db_xref="taxon:32630"
                    /note="Primer sequence which hybridises to the appropriate
                    target sequence"
                    /note="linked to SEQ ID NO: 5 via hexethylene glycol
                    linking group"
BASE COUNT           5 a      7 c      4 g      1 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1414 CTGGCGCTGGGCTG 1427
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 DB 15 CTGGCGCTGGGCTG 2

RESULT 610
 AX722657
 LOCUS Sequence 344 from Patent WO03025176. 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION AX722657
 ACCESSION AX722657.1 GI:30423158
 VERSION
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 REFERENCE
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 344 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 source Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 4 a 3 c 3 g 7 t
 Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1545 ATCCCTGATGACAT 1558
 |||||
 DB 2 ATCCCTGATGATAT 15

RESULT 611
 AX722758
 LOCUS Sequence 445 from Patent WO03025176. 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION AX722758
 ACCESSION AX722758
 VERSION AX722758.1 GI:30423259
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 REFERENCE
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 445 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 source Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 3 a 2 c 6 g 6 t
 Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1039 CTGAGTCTGGAAT 1052
 |||||
 DB 4 CTGCTGTCTGGAAT 17

RESULT 612
 AX723241/c
 LOCUS Sequence 928 from Patent WO03025176. 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION AX723241
 ACCESSION AX723241
 VERSION AX723241.1 GI:30423742
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 REFERENCE
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 928 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 source Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 7 a 4 c 5 g 1 t
 Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1174 TCCTGTCTCTGGA 1187
 |||||
 DB 16 TCCTGTCTCTGGA 3

RESULT 613
 AX724914
 LOCUS Sequence 2601 from Patent WO03025176. 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION AX724914
 ACCESSION AX724914
 VERSION AX724914.1 GI:30504257
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 REFERENCE
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 2601 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 source Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 2 a 5 c 2 g 8 t
 Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1083 CCCCTGTCTCTCT 1096
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 DB 4 CCCATTGTTCTCT 17

RESULT 614
 AX728153
 LOCUS Sequence 5840 from Patent WO03025176. 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION AX728153
 ACCESSION

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VERSION      AX728153.1  GI:30507496
KEYWORDS
SOURCE       Mus musculus (house mouse)
ORGANISM     Mus musculus
REFERENCE    1
AUTHORS      Telerman, A., Amson, R. and Tuijthof, M.
TITLE        Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as
              medicines
JOURNAL      Patent: WO 03025176-A 5840 27-MAR-2003;
              Molecular Engines Laboratories (FR)
FEATURES     source
              1..17
              /organism="Mus musculus"
              /mol_type="genomic DNA"
              /db_xref="taxon:10090"
BASE COUNT   1 a 7 c 3 g 6 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 250 ATCCCTCTCTCT 263
DB 2 ATCCCTCTCTCT 15

RESULT 615
LOCUS      AX729598 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1232 from Patent WO03025175.
ACCESSION  AX729598
VERSION     AX729598.1 GI:30508941
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as
              medicines
JOURNAL     Patent: WO 03025175-A 1232 27-MAR-2003;
              Molecular Engines Laboratories (FR)
FEATURES     source
              1..17
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
BASE COUNT   5 a 3 c 2 g 7 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1244 TCTACATGAATCT 1257
DB 3 TCTACTGAATCT 16

RESULT 616
LOCUS      AX730000 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1634 from Patent WO03025175.
ACCESSION  AX730000
VERSION     AX730000.1 GI:30509343
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as

```

```

REFERENCE    1
AUTHORS      Telerman, A., Amson, R. and Tuijthof, M.
TITLE        Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as
              medicines
JOURNAL      Patent: WO 03025175-A 1634 27-MAR-2003;
              Molecular Engines Laboratories (FR)
FEATURES     source
              1..17
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
BASE COUNT   5 a 4 c 6 g 2 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 294 CAGCGAGATCTGA 307
DB 4 CAGCGAGACTGA 17

RESULT 617
LOCUS      AX730865 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2499 from Patent WO03025175.
ACCESSION  AX730865
VERSION     AX730865.1 GI:30510208
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as
              medicines
JOURNAL     Patent: WO 03025175-A 2499 27-MAR-2003;
              Molecular Engines Laboratories (FR)
FEATURES     source
              1..17
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
BASE COUNT   5 a 5 c 1 g 6 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 233 TGTGAGAGAGATC 246
DB 14 TGTGAGAGAGATC 1

RESULT 618
LOCUS      AX732090 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3724 from Patent WO03025175.
ACCESSION  AX732090
VERSION     AX732090.1 GI:30511433
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
              reversion, apoptosis and/or virus resistance and their use as

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JOURNAL medicines
Patent: WO 03025175-A 3724 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 5 c 3 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 TCACATGTGGAAG 240
|||||
17 TCACATGTGGAAG 4

Db

RESULT 619
AX732254 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 3888 from Patent WO03025175.
ACCESSION AX732254
VERSION AX732254.1 GI:30511597
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3888 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 5 c 5 g 1 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1366 CAGCTGCTGTGAT 1379
|||||
15 CCGCTGCTGTGAT 2

Db

RESULT 620
AX732290 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 3924 from Patent WO03025175.
ACCESSION AX732290
VERSION AX732290.1 GI:30511633
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3924 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t

JOURNAL medicines
Patent: WO 03025175-A 3724 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 5 c 2 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 376 ATCACCCTGACAA 389
|||||
2 ATCACCCTGACAA 15

Db

RESULT 621
AX733188 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 4822 from Patent WO03025175.
ACCESSION AX733188
VERSION AX733188.1 GI:30512531
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 4822 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 5 c 2 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 593 CTTGGGTGAGATC 606
|||||
14 CTTGGGTGAGATC 1

Db

RESULT 622
AX735031 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 621 from Patent WO03025177.
ACCESSION AX735031
VERSION AX735031.1 GI:30514308
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 621 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 793 AAGTTGACTCTCG 806
 DB 17 AAGTTGACTCTCG 4

RESULT 623

AX735249/c 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 839 from Patent WO03025177.
 DEFINITION AX735249
 ACCESSION AX735249
 VERSION AX735249.1 GI:30514526
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and the use
 thereof as medicaments
 JOURNAL Patent: WO 03025177-A 839 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers

1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 233 TGTGAGAGGATC 246
 DB 14 TGTGAGAGGATC 1

RESULT 624
 AX736325 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 1915 from Patent WO03025177.
 DEFINITION AX736325
 ACCESSION AX736325
 VERSION AX736325.1 GI:30515602
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and the use
 thereof as medicaments
 JOURNAL Patent: WO 03025177-A 1915 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers

1..17
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 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 3 c 6 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 AACTGAGCTGAGC 1242

DB 14 AACTGAGCTGAGC 1

RESULT 625
 AX736413 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2003 from Patent WO03025177.
 DEFINITION AX736413
 ACCESSION AX736413
 VERSION AX736413.1 GI:30515701
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and the use
 thereof as medicaments
 JOURNAL Patent: WO 03025177-A 2003 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers

1..17
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 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 6 a 5 c 2 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 593 CTGTGGTGAGATC 606
 DB 14 CTGTGGTGAGATC 1

RESULT 626
 AX737475 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3065 from Patent WO03025177.
 DEFINITION AX737475
 ACCESSION AX737475
 VERSION AX737475.1 GI:30516763
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and the use
 thereof as medicaments
 JOURNAL Patent: WO 03025177-A 3065 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers

1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 AACTGAGCTGAGC 762
 DB 14 AACTGAGCTGAGC 1

RESULT 627

AX737849
LOCUS AX737849 17 bp DNA
DEFINITION Sequence 3439 from Patent WO03025177.
ACCESSION AX737849
VERSION AX737849.1 GI:30517137
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3439 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 3 c 7 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 484 ATCCGCTCTGGG 497
DB 2 ATCCGCTCTGGG 15

RESULT 628
LOCUS AX737940/c 17 bp DNA
DEFINITION Sequence 3530 from Patent WO03025177.
ACCESSION AX737940
VERSION AX737940.1 GI:30517228
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3530 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 9 a 2 c 3 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 687 ATATTGCTGAGC 700
DB 14 ATATTGCTGATC 1

RESULT 629
LOCUS AX738928/c 17 bp DNA
DEFINITION Sequence 4518 from Patent WO03025177.
ACCESSION AX738928
VERSION AX738928.1 GI:30518218

KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4518 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
Source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 9 a 4 c 1 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1480 TATTATTGAGG 1493
DB 17 TATTATTGAGG 4

RESULT 630
LOCUS BD105192/c 17 bp DNA
DEFINITION Kit and method for determining HLA type.
ACCESSION BD105192
VERSION BD105192.1 GI:22650766
KEYWORDS
SOURCE WO 0192572-A/1296.
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 17)
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Nishida, M.
Kit and method for determining HLA type
Patent: WO 0192572-A 1296 06-DEC-2001;
NISHIMBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDEOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA
ARTICLE
JOURNAL
COMMENT
OS Artificial Sequence
PN WO 0192572-A/1296
PD 06-DEC-2001
PP 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDEOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH Key
FT source 1..17
Location/Qualifiers
/organism="Artificial Sequence".

FEATURES
Source 1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 5 a 3 c 8 g 1 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 396 CACGCTCTTC 409
DB 14 CACGCTCTTC 1

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RESULT 631
LOCUS 138731
DEFINITION Sequence 14 from patent US 5614619.
ACCESSION 138731
VERSION 138731.1 GI:2084785
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 17)
  Pieperberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
  Grabley, S., Sichel, P., and Br au, B.
  Secondary-metabolite biosynthesis genes from actinomycetes, method
  of isolating them and their use
  Patent: US 5614619-A 14 25-MAR-1997;
  Location/Qualifiers
  source
    1..17
    /organism="unknown"
BASE COUNT 3 a 3 c 5 g 6 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1178 TGTTCGTGACATC 1191
Db 4 TGTTCGTGACATC 17

RESULT 632
LOCUS 138732
DEFINITION Sequence 15 from patent US 5614619.
ACCESSION 138732
VERSION 138732.1 GI:2084786
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 17)
  Pieperberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
  Grabley, S., Sichel, P., and Br au, B.
  Secondary-metabolite biosynthesis genes from actinomycetes, method
  of isolating them and their use
  Patent: US 5614619-A 15 25-MAR-1997;
  Location/Qualifiers
  source
    1..17
    /organism="unknown"
BASE COUNT 6 a 5 c 3 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1178 TGTTCGTGACATC 1191
Db 14 TGTTCGTGACATC 1

RESULT 633
LOCUS 153818
DEFINITION Sequence 1559 from patent US 5646042.
ACCESSION 153818
VERSION 153818.1 GI:2475021
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 17)
  Schultz, J.
  Location/Qualifiers
  source
    1..17
    /organism="unknown"
BASE COUNT 5 a 5 c 2 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 880 TCGCTGAGTTCTA 893
Db 15 TAGCTGAGTTCTA 2

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AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1559 08-JUL-1997;
FEATURES
  source
    1..17
    /organism="unknown"
BASE COUNT 5 a 5 c 2 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 880 TCGCTGAGTTCTA 893
Db 15 TAGCTGAGTTCTA 2

RESULT 634
LOCUS 154350
DEFINITION Sequence 2091 from patent US 5646042.
ACCESSION 154350
VERSION 154350.1 GI:2475553
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 17)
  Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
  C-myb targeted ribozymes
  Patent: US 5646042-A 2091 08-JUL-1997;
  Location/Qualifiers
  source
    1..17
    /organism="unknown"
BASE COUNT 2 a 3 c 4 g 8 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1304 CGCTGCTCTGTTT 1317
Db 2 CGCTGCTCTGTTT 15

RESULT 635
LOCUS 154822
DEFINITION Sequence 2563 from patent US 5646042.
ACCESSION 154822
VERSION 154822.1 GI:2476025
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 17)
  Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
  C-myb targeted ribozymes
  Patent: US 5646042-A 2563 08-JUL-1997;
  Location/Qualifiers
  source
    1..17
    /organism="unknown"
BASE COUNT 5 a 5 c 2 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 880 TCGCTGAGTTCTA 893
Db 15 TAGCTGAGTTCTA 2

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RESULT 636
181340
LOCUS 181340 17 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 14 from patent US 5710032.
ACCESSION 181340
VERSION 181340.1 GI:3209630
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Piepersberg, W., Brau, B. and Sichel, P.
TITLE Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
JOURNAL Patent: US 5710032-A 14 20-JAN-1998;
FEATURES
source Location/Qualifiers
1..17
BASIC COUNT 3 a 3 c 5 g 6 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCGTGACATC 1191
Db 4 TGTTCGTGACATC 17

RESULT 637
181341
LOCUS 181341 17 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 15 from patent US 5710032.
ACCESSION 181341
VERSION 181341.1 GI:3209631
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Piepersberg, W., Brau, B. and Sichel, P.
TITLE Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
JOURNAL Patent: US 5710032-A 15 20-JAN-1998;
FEATURES
source Location/Qualifiers
1..17
BASIC COUNT 6 a 5 c 3 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCGTGACATC 1191
Db 14 TGTTCGTGACATC 1

RESULT 638
AX739703/c 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX739703
DEFINITION Sequence 5293 from Patent WO03025177.
ACCESSION AX739703
VERSION AX739703.1 GI:30519000
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Telemann, A., Anson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use

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JOURNAL thereof as medicaments
Patent: WO 03025177-A 5293 27-MAR-2003;
FEATURES Molecular Engines Laboratories (PR)
source Location/Qualifiers
1..17
BASIC COUNT 3 a 6 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1061 TCAGCACTGACGATC 1077
Db 17 TCAGCACTGACGATC 1

RESULT 639
A26686
LOCUS A26686 17 bp DNA linear PAT 05-APR-1995
DEFINITION Sonde L1p7.
ACCESSION A26686
VERSION A26686.1 GI:905026
KEYWORDS
SOURCE
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 17)
AUTHORS Benicourt, C., Blanchard, C. and Junien, J. L.
TITLE Recombinant gastric lipase from rabbit and pharmaceutical
compositions
JOURNAL Patent: EP 0542629-A 6 19-MAY-1993;
FEATURES Institut de Recherche Jouveinal
source Location/Qualifiers
1..17
BASIC COUNT 4 a 6 c 2 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 210 CCCAGTAGCCTGCT 226
Db 1 CCCAGTAGCCTATCAT 17

RESULT 640
A67068
LOCUS A67068 17 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 235 from Patent WO9740193.
ACCESSION A67068
VERSION A67068.1 GI:4538439
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Scuyver, L., Roseau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 235 30-OCT-1997;
FEATURES INNOGENETICS NV (BE)
source Location/Qualifiers
1..17
BASIC COUNT 2 a 5 c 4 g 6 t

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Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 479 CCAACATCTGCTGCTTG 495
 |||||
 DB 1 CCATCATCTTGGGCTTG 17

RESULT 641

LOCUS A79449 17 bp DNA linear PAT 20-OCT-1999
 DEFINITION Sequence 23 from Patent WO9731126.
 A79449
 VERSION A79449.1 GI:6092457
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Chadwick,R.B. and Johnston-Dow,L.
 TITLE METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
 JOURNAL Patent: WO 9731126-A 23 28-AUG-1997;
 PERKIN ELMER CORP (US)
 FEATURES Location/Qualifiers

source 1.17
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1305 GCTGCTGCTGCTTGAG 1321
 |||||
 DB 1 GCTGCTGCTGCTGCTGAG 17

RESULT 642
 LOCUS A89392/c 17 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1540 from Patent WO9833904.
 A89392
 VERSION A89392.1 GI:6737962
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1540 06-AUG-1998;
 BIOLOGISTIK GRS (DE); BRYSCH WOLFGANG (DE)
 FEATURES Location/Qualifiers
 source 1.17
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 3 a 0 c 9 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 700 CTCACACTCCGACTC 716
 |||||
 DB 17 CTCACCACTCTCTATAC 1

RESULT 643

A97833

LOCUS A97833 17 bp DNA linear PAT 26-JAN-2000
 DEFINITION Sequence 110 from Patent WO9143377.
 A97833
 VERSION A97833.1 GI:6781071
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Quint,W. and Kleier,B.
 TITLE DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
 JOURNAL TYPE-SPECIFIC REVERSE HYBRIDIZATION
 Patent: WO 9914377-A 110 25-MAR-1999;
 INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)
 FEATURES Location/Qualifiers

source 1.17

BASE COUNT 5 a 1 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 AATGGAATTTGTTGCA 848
 |||||
 DB 1 AATGGAATTTGTTGCA 17

RESULT 644

LOCUS AR032101 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 22 from patent US 5866698.
 AR032101
 VERSION AR032101.1 GI:5946390
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Becker,D., Vickers,T.A. and Bruce,T.W.
 TITLE Modulation of gene expression through interference with RNA
 JOURNAL secondary structure
 Patent: US 5866698-A 22 02-FEB-1999;
 FEATURES Location/Qualifiers
 source 1.17
 /organism="unknown"

BASE COUNT 1 a 5 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 TGACTGCTGACCCCT 1158
 |||||
 DB 1 TGCTGCTGCTGTACCGT 17

RESULT 645

LOCUS AR039743 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 591 from patent US 5807743.
 AR039743
 VERSION AR039743.1 GI:5959106
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 591 15-SEP-1998;

FEATURES
SOURCE 1. 17
Location/Qualifiers
BASE COUNT 2 a 6 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1295 TGCTCTGCGCTGCTC 1311
DB 1 TAGCTCTCAGCTGCTC 17

RESULT 646
AR039747 17 bp DNA linear PAT 29-SEP-1999
LOCUS AR039747
DEFINITION Sequence 595 from patent US 5807743.
ACCESSION AR039747
VERSION AR039747.1 GI:5959110
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 595 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. 17
/organism="unknown"

BASE COUNT 3 a 5 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 GTGGGGCTACAGGACC 625
DB 1 GTGGAGCTCCAGGCTCC 17

RESULT 647
AR040071 17 bp DNA linear PAT 29-SEP-1999
LOCUS AR040071
DEFINITION Sequence 919 from patent US 5807743.
ACCESSION AR040071
VERSION AR040071.1 GI:5959434
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 919 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. 17
/organism="unknown"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1523 AGGCCATTGAGGCTAT 1539
DB 17 AGGCCAGTAAAGGCTAT 1

RESULT 648
AR040073 17 bp DNA linear PAT 29-SEP-1999
LOCUS AR040073

DEFINITION Sequence 921 from patent US 5807743.
ACCESSION AR040073
VERSION AR040073.1 GI:5959436
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 921 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. 17
/organism="unknown"

BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 GAGGCCATTGAGGCTA 1538
DB 17 GAGGCCAGTAAAGGCTA 1

RESULT 649
AR046600 17 bp DNA linear PAT 29-SEP-1999
LOCUS AR046600
DEFINITION Sequence 1393 from patent US 5817796.
ACCESSION AR046600
VERSION AR046600.1 GI:5968065
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1393 06-OCT-1998;
FEATURES Location/Qualifiers
SOURCE 1. 17
/organism="unknown"

BASE COUNT 2 a 8 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 652 TTTCAGGCGATGCC 668
DB 1 TTTCAGTCACGCTTCC 17

RESULT 650
AR046624 17 bp DNA linear PAT 29-SEP-1999
LOCUS AR046624
DEFINITION Sequence 1417 from patent US 5817796.
ACCESSION AR046624
VERSION AR046624.1 GI:5968089
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1417 06-OCT-1998;
FEATURES Location/Qualifiers
SOURCE 1. 17
/organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 GGCTGAGCAAGGTGAC 801
|||||
Db 17 GGCTGAGGAGCGTGC 1

RESULT 651
AR046790 17 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR046790 Sequence 1583 from patent US 5817796.
DEFINITION AR046790
ACCESSION AR046790.1 GI:5968255
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
Unclassified.
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1583 06-OCT-1998;
FEATURES
Location/Qualifiers
1.17
source /organism="unknown"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAGACTCA 541
|||||
Db 1 CATGCCCTGACACTCA 17

RESULT 652
AR046894/c 17 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR046894 Sequence 1687 from patent US 5817796.
DEFINITION AR046894
ACCESSION AR046894
VERSION AR046894.1 GI:5968359
KEYWORDS
SOURCE
ORGANISM
REFERENCE
Unclassified.
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1687 06-OCT-1998;
FEATURES
Location/Qualifiers
1.17
source /organism="unknown"

BASE COUNT 6 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CCTGCTTGAGGCGG 502
|||||
Db 17 CCTGCTTCTAGTACGG 1

RESULT 653
AR047186 17 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR047186 Sequence 1979 from patent US 5817796.
DEFINITION AR047186
ACCESSION AR047186 GI:5968651
VERSION
KEYWORDS
SOURCE
ORGANISM

Unclassified.
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1979 06-OCT-1998;
FEATURES
Location/Qualifiers
1.17
source /organism="unknown"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGATCATGTGGGCTA 617
|||||
Db 1 GAGCTCATTTGTGGCTA 17

RESULT 654
AR054126 17 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR054126 Sequence 17 from patent US 5834589.
DEFINITION AR054126
ACCESSION AR054126 GI:5978988
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
Unclassified.
1 (bases 1 to 17)
AUTHORS Meruelo,D. and Yoshimoto,T.
TITLE Chimeric viral receptor polypeptides
JOURNAL Patent: US 5834589-A 17 10-NOV-1998;
FEATURES
Location/Qualifiers
1.17
source /organism="unknown"

BASE COUNT 4 a 3 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 TTGAGGCAATCCGACC 963
|||||
Db 17 TTGACTGCATCGCCACC 1

RESULT 655
AR057795 17 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR057795 Sequence 1999 from patent US 5837542.
DEFINITION AR057795
ACCESSION AR057795
VERSION AR057795.1 GI:5983372
KEYWORDS
SOURCE
ORGANISM
REFERENCE
Unclassified.
1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1999 17-NOV-1998;
FEATURES
Location/Qualifiers
1.17
source /organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGTCTCCCTGGC 1418
|||||

Db 1 CAGTACTTCCCGCAGGC 17

RESULT 656

LOCUS AR089198 17 bp DNA linear PAT 07-SEP-2000

DEFINITION Sequence 14 from patent US 5994056.

ACCESSION AR089198

VERSION AR089198.1 GI:10015955

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Higuchi,R.G.

TITLE Homogeneous methods for nucleic acid amplification and detection

JOURNAL Patent: US 5994056-A 14 30-NOV-1999;

FEATURES

source Location/Qualifiers

1..17

BASE COUNT 1 a 5 c 4 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCTGTCATCTGCC 1456

Db 1 GGTCCTGTCATCTGTC 17

RESULT 657

LOCUS AR105854 17 bp DNA linear PAT 14-FEB-2001

DEFINITION Sequence 23 from patent US 6103465.

ACCESSION AR105854

VERSION AR105854.1 GI:12819919

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Johnston-Dow,L., Chadwick,R.B. and Parham,P.

TITLE Methods and reagents for typing HLA class I genes

JOURNAL Patent: US 6103465-A 23 15-AUG-2000;

FEATURES

source Location/Qualifiers

1..17

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1305 GCTGCTCTGGTTGCAG 1321

Db 1 GCTGCTCTGGGGGCGAG 17

RESULT 658

LOCUS AR115553 17 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 1999 from patent US 6132967.

ACCESSION AR115553

VERSION AR115553.1 GI:14095875

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of

JOURNAL Inter cellular adhesion molecule-1 (ICAM-1)

PATENT: US 6132967-A 1999 17-OCT-2000;

FEATURES

source Location/Qualifiers

1..17

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGCTCCTCGGC 1418

Db 1 CAGTACTTCCCGCAGGC 17

RESULT 659

LOCUS AR123653 17 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 14 from patent US 6171785.

ACCESSION AR123653

VERSION AR123653.1 GI:14109014

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Higuchi,R.G.

TITLE Methods and devices for homogeneous nucleic acid amplification and detector

JOURNAL Patent: US 6171785-A 14 09-JAN-2001;

FEATURES

source Location/Qualifiers

1..17

BASE COUNT 1 a 5 c 4 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCTGTCATCTGCC 1456

Db 1 GGTCCTGTCATCTGTC 17

RESULT 660

LOCUS AR156921 17 bp DNA linear PAT 08-AUG-2001

DEFINITION Sequence 20 from patent US 6242574.

ACCESSION AR156921

VERSION AR156921.1 GI:15125625

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Nielsen,K.,Kristian., Kroil Kristensen,A. and Brunstedt,J.

TITLE Antimicrobial proteins

JOURNAL Patent: US 6242574-A 20 05-JUN-2001;

FEATURES

source Location/Qualifiers

1..17

BASE COUNT 3 a 1 c 5 g 3 t 5 others

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 64.7%; Pred. No. 4.5e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 904 GCTGCCGATCCATGAA 920

Db 1 GCNTGYMGNTGYATGAA 17

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RESULT 661
LOCUS ARI81448/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 6 from patent US 6335184.
ACCESSION ARI81448
VERSION ARI81448.1 GI:20223662
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
AUTHORS Reyes,A,Arevalo,,Wallace,R,Bruce, and Ugozzoli,L.A.
TITLE linked linear amplification of nucleic acids
JOURNAL Patent: US 6335184-A 6 01-JAN-2002;
FEATURES
  source
    1..17
    /organism="unknown"
BASE COUNT 6 a 2 c 7 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1001 GGTCCATCTACCAACC 1017
Db 17 GGTCTATTTCACACC 1

RESULT 662
LOCUS ARI86319 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1807 from patent US 6346398.
ACCESSION ARI86319
VERSION ARI86319.1 GI:20232284
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1807 12-FEB-2002;
FEATURES
  source
    1..17
    /organism="unknown"
BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 659 GCATGTTCCCTTCAG 675
Db 1 GAATGTTCCCTTCAG 17

RESULT 663
LOCUS ARI86927/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2415 from patent US 6346398.
ACCESSION ARI86927
VERSION ARI86927.1 GI:20232892
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2415 12-FEB-2002;
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BASE COUNT 1 a 4 c 7 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGTCCAC 450
Db 17 AGCATCAAGGCCAC 1

RESULT 664
LOCUS ARI86952/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2440 from patent US 6346398.
ACCESSION ARI86952
VERSION ARI86952.1 GI:20232917
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2440 12-FEB-2002;
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGTCCAC 450
Db 17 AGCATCAAGGCCAC 1

RESULT 665
LOCUS ARI87136/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2624 from patent US 6346398.
ACCESSION ARI87136
VERSION ARI87136.1 GI:20233101
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2624 12-FEB-2002;
FEATURES
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BASE COUNT 5 a 2 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAACAGTACTTT 654
Db 17 TAATGACACAGCACTTT 1

RESULT 666
LOCUS ARI87395/c
  
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LOCUS AR187395 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2883 from patent US 6346398.
ACCESSION AR187395
VERSION AR187395.1 GI:20233360
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2883 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 2 a 6 c 2 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1504 AAGGCTCAAGATTA 1520
Db 17 ACGGCTCAAGAGAA 1
RESULT 667
LOCUS AR190100 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5588 from patent US 6346398.
ACCESSION AR190100
VERSION AR190100.1 GI:20236065
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5588 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 3 a 5 c 2 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 229 AACATGTGAAGAGAT 245
Db 17 ATCAATGGAAGAGAT 1
RESULT 668
LOCUS AR192209 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7697 from patent US 6346398.
ACCESSION AR192209
VERSION AR192209.1 GI:20238174
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7697 12-FEB-2002;
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source Location/Qualifiers
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BASE COUNT 7 a 5 c 1 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1444 CCTGATCTGCCAAT 1460
Db 1 CCTGAATCTACCAAT 17
RESULT 669
LOCUS AR192292 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7780 from patent US 6346398.
ACCESSION AR192292
VERSION AR192292.1 GI:20238257
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7780 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 1 a 9 c 2 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 739 GGGGTCCAGACATCAG 755
Db 17 GGGGTGAGACAGCAG 1
RESULT 670
LOCUS AR192445 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7933 from patent US 6346398.
ACCESSION AR192445
VERSION AR192445.1 GI:20238410
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7933 12-FEB-2002;
FEATURES
source Location/Qualifiers
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BASE COUNT 4 a 3 c 5 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 790 AGCAAGTTGACTCTG 806
Db 1 AGTAAGTTGCTACTG 17
RESULT 671
LOCUS AR195622 17 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 87 from patent US 6350934.
 ACCESSION AR195622
 VERSION AR195622.1 GI:20245059
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.,Ann.Owens.,
 Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
 TITLE Nucleic acid encoding delta-9 desaturase
 JOURNAL Patent: US 6350934-A 87 26-FEB-2002;
 FEATURES Location/Qualifiers
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BASE COUNT 7 a 6 c 2 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1237 CTGAGCCTCATGAA 1253
 Db 1 CTGAGCCTCATGACAA 17
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RESULT 672
 AR210218 AR210218 17 bp DNA linear PAT 20-JUN-2002
 LOCUS Sequence 130 from patent US 6387652.
 DEFINITION AR210218
 ACCESSION AR210218 GI:21512392
 VERSION AR210218.1
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Haugland,R. and Vesper,S.
 TITLE Method of identifying and quantifying specific fungi and bacteria
 JOURNAL Patent: US 6387652-A 130 14-MAY-2002;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 4 a 10 c 1 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GTTCATCTACCCACCA 1018
 Db 1 GTTCACCTCCACCCCA 17
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 |||||

RESULT 673
 AR254826 AR254826 17 bp DNA linear PAT 20-DEC-2002
 LOCUS Sequence 110 from patent US 6482588.
 DEFINITION AR254826
 ACCESSION AR254826
 VERSION AR254826.1 GI:27303874
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Van Doorn,L.-J., Quint,W., Kleter,B. and Tetzschegat,J.
 TITLE Detection and identification of human papillomavirus by PCR and
 type-specific reverse hybridization
 JOURNAL Patent: US 6482588-A 110 19-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 5 a 1 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 AATGAACTTCGGGCA 848
 Db 1 AATGAAATTGTGGCA 17
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RESULT 674
 AR286022/c AR286022 17 bp RNA linear PAT 10-APR-2003
 LOCUS Sequence 394 from patent US 6528640.
 DEFINITION AR286022
 ACCESSION AR286022
 VERSION AR286022.1 GI:29723618
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpelisky,A.,
 Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
 TITLE Synthetic ribonucleic acids with RNase activity
 JOURNAL Patent: US 6528640-A 394 04-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCCTGCGAGGTGAG 1079
 Db 17 AGCCTGCGAGGTGAG 1
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RESULT 675
 AR286119 AR286119 17 bp RNA linear PAT 10-APR-2003
 LOCUS Sequence 491 from patent US 6528640.
 DEFINITION AR286119
 ACCESSION AR286119
 VERSION AR286119.1 GI:29723715
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpelisky,A.,
 Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
 TITLE Synthetic ribonucleic acids with RNase activity
 JOURNAL Patent: US 6528640-A 491 04-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 1 a 8 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 394 GACACGTCTCTCTCT 410
 Db 1 GCCAGCTCTCTCTCT 17
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RESULT 676
 AR286143 AR286143 17 bp RNA linear PAT 10-APR-2003
 LOCUS Sequence 515 from patent US 6528640.
 DEFINITION AR286143
 ACCESSION AR286143

VERSION AR26143.1 GI:29723739
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Beigelman, L., Burgin, A., Beaudry, A., Karpelsky, A.,
Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
JOURNAL Synthetic ribonucleic acids with RNase activity
Patent: US 6528640-A 515 04-MAR-2003;
FEATURES
source
1.17
Location/Qualifiers
BASE COUNT 3 a 6 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1265 GCATTGACAACTGGG 1281
DB 17 GCAGTTGACACTGGG 1
RESULT 677
AR306311 17 bp DNA linear PAT 12-JUN-2003
LOCUS AR306311/c
DEFINITION Sequence 22 from patent US 6548274.
ACCESSION AR306311
VERSION AR306311.1 GI:31696062
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Yaver, D.S. and Bellini, D.A.
JOURNAL Methods for producing a polypeptide using a crippled translational
initiator sequence
Patent: US 6548274-A 22 15-APR-2003;
FEATURES
source
1.17
Location/Qualifiers
BASE COUNT 4 a 3 c 8 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 974 TGGCTCCCAAACTCG 990
DB 17 TGTCTCCCGCAACCTG 1
RESULT 678
AX076027/c 17 bp DNA linear PAT 06-FEB-2001
LOCUS AX076027
DEFINITION Sequence 3 from Patent WO0104358.
ACCESSION AX076027
VERSION AX076027.1 GI:12710680
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE
AUTHORS 1
TITLE Stuyver, L., Maertens, G. and van Geyt, C.
JOURNAL Detection of anti-hepatitis b drug resistance
Patent: WO 0104358-A 3 18-JAN-2001;
FEATURES
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1.17
Location/Qualifiers
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"

BASE COUNT 2 a 5 c 3 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1462 CGGAGCCAGAGAATG 1478
DB 17 CTGAGCTAGAGAAACG 1
RESULT 679
AX088231 17 bp DNA linear PAT 17-MAR-2001
LOCUS AX088231
DEFINITION Sequence 15 from Patent WO0114520.
ACCESSION AX088231
VERSION AX088231.1 GI:13397142
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS 1
TITLE Wadskov-Hansen, S.L., Hammer, K. and Martinussen, J.
JOURNAL Phage resistant lactic acid bacterial mutants
Chr. Hansen A/S (DK)
Patent: WO 0114520-A 15 01-MAR-2001;
FEATURES
source
1.17
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide pyrogBb used for PCR"
BASE COUNT 1 a 3 c 5 g 8 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1365 TCAGCTGTGTGATGC 1381
DB 1 TCAGTTGTGTGCTGC 17
RESULT 680
AX139190/c 17 bp DNA linear PAT 30-MAY-2001
LOCUS AX139190
DEFINITION Sequence 38 from Patent EP1076099.
ACCESSION AX139190
VERSION AX139190.1 GI:14274863
KEYWORDS
SOURCE Mycobacterium tuberculosis
ORGANISM Mycobacterium tuberculosis
REFERENCE
AUTHORS 1
TITLE Suzuki, Y., Nishida, M. and Takenishi, S.
JOURNAL Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 38 14-FEB-2001;
NISHINBO INDUSTRIES, INC. (JP); System Research Incorporation
(JP)
FEATURES
source
1.17
Location/Qualifiers
/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
/note="capture"
BASE COUNT 3 a 3 c 9 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 681	961	ACCTATCGCTTCGTGC	977
LOCUS	AX195423/c	17 bp	DNA
DEFINITION	Sequence 22 from Patent WO0151646.	linear	PAT 28-AUG-2001
ACCESSION	AX195423		
VERSION	AX195423.1	GI:15385972	
KEYWORDS	Aspergillus oryzae		
SOURCE	Aspergillus oryzae		
ORGANISM	Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes; Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus		
REFERENCE	1 Yaver,D.S. and Bellini,D.A.		
AUTHORS	Methods for producing a polypeptide using a crippled translational		
TITLE	initiator sequence		
JOURNAL	Patent: WO 0151646-A 22 19-JUL-2001;		
Novozymes Biotech, Inc. (US)			
FEATURES	location/Qualifiers		
source	1..17		
/organism="Aspergillus oryzae"			
/mol_type="genomic DNA"			
/db_xref="taxon:5062"			
BASE COUNT	4 a 3 c 8 g 2 t		
Query Match	0.9%; Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 4.5e+02;	
Matches	14; Conservative	0; Mismatches	3; Indels
0;	Gaps	0;	
QY	974	TGGCTCCCAAAACCTG	990
Db	17	TGTCCTCCGCAACCTG	1
RESULT 682			
LOCUS	AX214636	17 bp	mRNA
DEFINITION	Sequence 78 from Patent WO0159103.	linear	PAT 07-SEP-2001
ACCESSION	AX214636		
VERSION	AX214636.1	GI:15524679	
KEYWORDS	synthetic construct		
SOURCE	synthetic construct		
ORGANISM	artificial sequences.		
REFERENCE	1		
AUTHORS	Blatt,L., Mcswigen,J. and Chowitra,B.M.		
TITLE	Method and reagent for the modulation and diagnosis of cd20 and		
JOURNAL	nogo gene expression		
Patent: WO 0159103-A 78 16-AUG-2001;			
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;			
Mcswigen, James (US) ; Chowitra, Bharat M. (US)			
FEATURES	Location/Qualifiers		
source	1..17		
/organism="synthetic construct"			
/mol_type="mRNA"			
/db_xref="taxon:32630"			
/note="Nucleic Acid"			
BASE COUNT	0 a 7 c 2 g 8 t		
Query Match	0.9%; Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 4.5e+02;	
Matches	14; Conservative	0; Mismatches	3; Indels
0;	Gaps	0;	
QY	308	AGGCGAGAGAGCCGAG	324
Db	17	AGGAAGAGAGAGAGAG	1
RESULT 683			

LOCUS	AX214637/c	17 bp	mRNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 79 from Patent WO0159103.				
ACCESSION	AX214637				
VERSION	AX214637.1				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Blatt, L., McSwiggen, J. and Chowitra, B.M.				
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 79 16-AUG-2001; R102027MB PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowitra, Bharat M. (US)				
FEATURES	Location/Qualifiers				
SOURCE	1..17				
BASE COUNT	0 a 6 c 2 g 9 t				
Query Match	0.9%; Score 12.2; DB 1;				
Best Local Similarity	82.4%; Pred. No. 4.5e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
LOCUS	AX214909/c	17 bp	mRNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 351 from Patent WO0159103.				
ACCESSION	AX214909				
VERSION	AX214909.1				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Blatt, L., McSwiggen, J. and Chowitra, B.M.				
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 351 16-AUG-2001; R102027MB PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowitra, Bharat M. (US)				
FEATURES	Location/Qualifiers				
SOURCE	1..17				
BASE COUNT	2 a 5 c 3 g 7 t				
Query Match	0.9%; Score 12.2; DB 1;				
Best Local Similarity	82.4%; Pred. No. 4.5e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
LOCUS	AX215439/c	17 bp	mRNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 881 from Patent WO0159103.				
ACCESSION	AX215439				
VERSION	AX215439.1				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Blatt, L., McSwiggen, J. and Chowitra, B.M.				
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 351 16-AUG-2001; R102027MB PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowitra, Bharat M. (US)				
FEATURES	Location/Qualifiers				
SOURCE	1..17				
BASE COUNT	2 a 5 c 3 g 7 t				
Query Match	0.9%; Score 12.2; DB 1;				
Best Local Similarity	82.4%; Pred. No. 4.5e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
LOCUS	AX215439/c	17 bp	mRNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 881 from Patent WO0159103.				
ACCESSION	AX215439				
VERSION	AX215439.1				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Blatt, L., McSwiggen, J. and Chowitra, B.M.				
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 351 16-AUG-2001; R102027MB PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowitra, Bharat M. (US)				
FEATURES	Location/Qualifiers				
SOURCE	1..17				
BASE COUNT	2 a 5 c 3 g 7 t				
Query Match	0.9%; Score 12.2; DB 1;				
Best Local Similarity	82.4%; Pred. No. 4.5e+02;				
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;				
LOCUS	AX215439/c	17 bp	mRNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 881 from Patent WO0159103.				
ACCESSION	AX215439				
VERSION	AX215439.1				
KEYWORDS					
SOURCE					
ORGANISM	synthetic construct				
REFERENCE	artificial sequences.				
AUTHORS	1				
TITLE	Blatt, L., McSwiggen, J. and Chowitra, B.M.				
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A 351 16-AUG-2001; R102027MB PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowitra, Bharat M. (US)				
FEATURES	Location/Qualifiers				
SOURCE	1..17				
BASE COUNT	2 a 5 c 3 g 7 t				
Query Match	0.9%; Score 12.2; DB 1;				
Best Local Similarity	82.4%; Pred. No. 4.5e+0				

FEATURES
SOURCE
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
5 a 4 c 5 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 605 TCATGTGGGCTACAG 621
|||||
17 TCCTGTGCTGCTACAG 1

RESULT 690
AX215692/c 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1134 from Patent WO0159103.
ACCESSION AX215692
VERSION AX215692.1 GI:15525735
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1134 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
4 a 6 c 4 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1040 TGGAGTCGGAATTGAG 1056
|||||
17 TGGAGTCGAGCCTTCAG 1

RESULT 691
AX215693/c 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1135 from Patent WO0159103.
ACCESSION AX215693
VERSION AX215693.1 GI:15525736
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1135 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"

FEATURES
SOURCE

BASE COUNT
4 a 5 c 5 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1039 CTGAGTCGGAATTCA 1055
|||||
17 CTGAGTCAGGCCTTCA 1

RESULT 692
AX215895 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1337 from Patent WO0159103.
ACCESSION AX215895
VERSION AX215895.1 GI:15525938
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1337 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
5 a 6 c 3 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 515 AGAATPAGCCCATGACC 531
|||||
1 AGAATPAGCCCATGACC 17

RESULT 693
AX216107 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1549 from Patent WO0159103.
ACCESSION AX216107
VERSION AX216107.1 GI:15526150
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1549 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
5 a 6 c 4 g 2 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGACGTCA 1078
|||||
1 CAGCAGCTGACGATCA 17

RESULT 694

AX216365

LOCUS AX216365 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1807 from Patent WO0159103.
ACCESSION AX216365
VERSION AX216365.1 GI:15526426
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1807 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
1..17
Location/Qualifiers
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 3 a 2 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGCCGAGGTGCGGAG 333
|||||
1 AGCTGAGGTGCTGGAG 17

RESULT 695
AX216478 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX216478
DEFINITION Sequence 1920 from Patent WO0159103.
ACCESSION AX216478
VERSION AX216478.1 GI:15526539
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1920 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 604 ATCATGCGGCTCA 620
|||||

Db 17 ATCCTGTGCTACAA 1

RESULT 696
AX217540 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX217540/c
DEFINITION Sequence 2982 from Patent WO0159103.
ACCESSION AX217540
VERSION AX217540.1 GI:15527601
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 2982 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 6 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 506 TGATGATGAGAAATAG 522
|||||
17 TCGTATGAGAAATAG 1

RESULT 697
AX217789 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX217789
DEFINITION Sequence 3231 from Patent WO0159103.
ACCESSION AX217789
VERSION AX217789.1 GI:15527850
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 3231 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 6 a 7 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1005 CATCACCACCAACG 1021
|||||

Db 1 CATCTCCCAACCAAG 17

RESULT 698
AX217790

LOCUS AX217790 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3232 from Patent WO0159103.
ACCESSION AX217790
VERSION AX217790.1 GI:15527851
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3232 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 7 a 6 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 ATCTACCCACCAACGA 1022
Db 1 ATCTCCCAACCAAGA 17

RESULT 699
LOCUS AX217884 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3326 from Patent WO0159103.
ACCESSION AX217884
VERSION AX217884.1 GI:15527945
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3326 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 6 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 504 GGTGATGATGAGAAAT 520
Db 17 GTTGCTGATGAGAAAA 1

RESULT 710
LOCUS AX218164 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3606 from Patent WO0159103.
ACCESSION AX218164
VERSION AX218164.1 GI:15528225
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3606 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 7 a 6 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 TCTACCCACCAACGA 1023
Db 1 TCTCCCAACCAAGA 17

RESULT 701
LOCUS AX226742 17 bp mRNA PAT 10-SEP-2001
DEFINITION Sequence 114 from Patent WO0157206.
ACCESSION AX226742
VERSION AX226742.1 GI:15555883
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
JOURNAL
PATENT: WO 0157206-A 114 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 3 c 4 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1530 TCAGGCTATTCTGAAT 1546
Db 1 TCAGAGATTTCTGACT 17

RESULT 702
LOCUS AX226888 17 bp mRNA PAT 10-SEP-2001
DEFINITION Sequence 260 from Patent WO0157206.
ACCESSION AX226888
VERSION AX226888.1 GI:15556029
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme

JOURNAL Patent: WO 0157206-A 260 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 2 a 6 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 TGTGAGGAGGAAAA 1593
Db 17 TGTGAGGAGGAGGAAAA 1

RESULT 703
AX227203/c AX227203 17 bp mRNA linear PAT 10-SEP-2001

LOCUS Sequence 575 from Patent WO0157206.
DEFINITION AX227203
ACCESSION AX227203.1 GI:15556344
VERSION
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 575 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
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1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 5 a 7 c 4 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1562 CTCGCCAGGCTCTGTG 1578
Db 17 CTCGCCAGGCTCTGTG 1

RESULT 704
AX227204/c AX227204 17 bp mRNA linear PAT 10-SEP-2001

LOCUS Sequence 576 from Patent WO0157206.
DEFINITION AX227204
ACCESSION AX227204.1 GI:15556345
VERSION
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 576 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
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/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 5 a 7 c 4 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1561 GCTCCAGGAGGCTCTGT 1577
Db 17 GCTCCAGGAGGCTCTGT 1

RESULT 705
AX227402/c AX227402 17 bp mRNA linear PAT 10-SEP-2001

LOCUS Sequence 774 from Patent WO0157206.
DEFINITION AX227402
ACCESSION AX227402.1 GI:15556543
VERSION
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 774 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 5 c 2 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 214 ACTAGCCTGTCTTCAA 230
Db 1 ATTATCTGTCTTCAA 17

RESULT 706
AX227664/c AX227664 17 bp mRNA linear PAT 10-SEP-2001

LOCUS Sequence 1036 from Patent WO0157206.
DEFINITION AX227664
ACCESSION AX227664.1 GI:15556805
VERSION
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1036 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
1. .17
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/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 5 c 7 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 563 CCTCGGCGAGCTGCC 579
Db 1 CCTCGGCGAGCTGCC 17

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RESULT 707
AX262668/c
LOCUS AX262668 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 59 from Patent WO0173002.
ACCESSION AX262668
VERSION AX262668.1 GI:16511467
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 59 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
JOURNAL
FEATURES
Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 8 c 4 g 1 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 486 CCTGCTCTGGGTCGG 502
17 CCTGCTCTGGGTCGAG 1
DB
RESULT 708
AX262669
LOCUS AX262669 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 60 from Patent WO0173002.
ACCESSION AX262669
VERSION AX262669.1 GI:16511468
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 60 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
JOURNAL
FEATURES
Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
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BASE COUNT 1 a 4 c 8 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 486 CCTGCTCTGGGTCGG 502
1 CCTGCTCTGGGTCGAG 17
DB
RESULT 709
AX262676
LOCUS AX262676 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 67 from Patent WO0173002.
ACCESSION AX262676
VERSION AX262676.1 GI:16511475
KEYWORDS

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SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 67 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
JOURNAL
FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 11 g 0 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 321 GCAGTGGCGGAGCGCG 337
1 GCAGGAGGCGGAGCGAG 17
DB
RESULT 710
AX262677/c
LOCUS AX262677 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 68 from Patent WO0173002.
ACCESSION AX262677
VERSION AX262677.1 GI:16511476
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 68 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
JOURNAL
FEATURES
Location/Qualifiers
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 321 GCAGTGGCGGAGCGCG 337
17 GCAGGAGGCGGAGCGAG 1
DB
RESULT 711
AX263544
LOCUS AX263544 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 935 from Patent WO0173002.
ACCESSION AX263544
VERSION AX263544.1 GI:16512343
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations with modified single

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JOURNAL      stranded oligonucleotides
              Patent: WO 0173002-A 935 04-OCT-2001;
              UNIVERSITY OF DELAWARE (US)
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BASE COUNT   3 a 6 c 3 g 5 t

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  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1032 CCCGTGCTGGAGTCTG 1048
Db      1 CCTTACCTGGATCTG 17

RESULT 712
LOCUS      AX263545      17 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 936 from Patent WO0173002.
ACCESSION  AX263545
VERSION     AX263545.1 GI:16512344
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE   1
  AUTHORS   Kmiec, R.B., Gamper, H.B. and Rice, M.C.
  TITLE     Targeted chromosomal genomic alterations with modified single
  JOURNAL   stranded oligonucleotides
  Patent: WO 0173002-A 936 04-OCT-2001;
  UNIVERSITY OF DELAWARE (US)
FEATURES
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      /mol_type="genomic DNA"
      /db_xref="taxon:9606"
BASE COUNT   5 a 3 c 6 g 3 t

  Query Match      0.9%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 4.5e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1032 CCCGTGCTGGAGTCTG 1048
Db      1 CCTTACCTGGATCTG 17

RESULT 713
LOCUS      AX263756      17 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 1147 from Patent WO0173002.
ACCESSION  AX263756
VERSION     AX263756.1 GI:16512555
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE   1
  AUTHORS   Kmiec, R.B., Gamper, H.B. and Rice, M.C.
  TITLE     Targeted chromosomal genomic alterations with modified single
  JOURNAL   stranded oligonucleotides
  Patent: WO 0173002-A 1147 04-OCT-2001;
  UNIVERSITY OF DELAWARE (US)
FEATURES
  source
    1. .17
      /organism="Homo sapiens"
      /mol_type="genomic DNA"

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BASE COUNT   8 a 0 c 7 g 2 t

  Query Match      0.9%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 4.5e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      245 TCCCTATCCCTTCAT 261
Db      1 TCTCTATCCCATTCCT 17

RESULT 714
LOCUS      AX263757      17 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 1148 from Patent WO0173002.
ACCESSION  AX263757
VERSION     AX263757.1 GI:16512556
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE   1
  AUTHORS   Kmiec, R.B., Gamper, H.B. and Rice, M.C.
  TITLE     Targeted chromosomal genomic alterations with modified single
  JOURNAL   stranded oligonucleotides
  Patent: WO 0173002-A 1148 04-OCT-2001;
  UNIVERSITY OF DELAWARE (US)
FEATURES
  source
    1. .17
      /organism="Homo sapiens"
      /mol_type="genomic DNA"
      /db_xref="taxon:9606"
BASE COUNT   2 a 7 c 0 g 8 t

  Query Match      0.9%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 4.5e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      245 TCCCTATCCCTTCAT 261
Db      1 TCTCTATCCCATTCCT 17

RESULT 715
LOCUS      AX266691      17 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 4082 from Patent WO0173002.
ACCESSION  AX266691
VERSION     AX266691.1 GI:16515490
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE   1
  AUTHORS   Kmiec, R.B., Gamper, H.B. and Rice, M.C.
  TITLE     Targeted chromosomal genomic alterations with modified single
  JOURNAL   stranded oligonucleotides
  Patent: WO 0173002-A 4082 04-OCT-2001;
  UNIVERSITY OF DELAWARE (US)
FEATURES
  source
    1. .17
      /organism="Homo sapiens"
      /mol_type="genomic DNA"
      /db_xref="taxon:9606"
BASE COUNT   6 a 1 c 7 g 3 t

  Query Match      0.9%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 4.5e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 504 GGTGATGATGAGAAATA 520
 DB 1 GGTGATGCTGAGAGAGA 17

RESULT 716

LOCUS AX266692 17 bp DNA linear PAT 26-OCT-2001
 DEFINITION Sequence 4083 from Patent WO0173002.
 ACCESSION AX266692
 VERSION AX266692.1 GI:16515491
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE 1
 AUTHORS Kmiec, F.B., Gamber, H.B. and Rice, M.C.
 TITLE Targeted chromosomal genomic alterations with modified single
 JOURNAL Patent: WO 0173002-A 4083 04-OCT-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 7 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 504 GGTGATGATGAGAAATA 520
 DB 17 GGTGATGCTGAGAGAGA 1

RESULT 717
 LOCUS AX272718 17 bp mRNA linear PAT 29-OCT-2001
 DEFINITION Sequence 287 from Patent WO0162911.
 ACCESSION AX272718
 VERSION AX272718.1 GI:16545455
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE 1
 AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
 Ellis, J.H.
 TITLE Method and reagent for the inhibition of grid
 JOURNAL Patent: WO 0162911-A 287 30-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)

FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 2 c 7 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CATGCTCATGCCACACA 484
 DB 17 CATCTCATGCTGACCA 1

RESULT 718
 AX272900

LOCUS AX272900 17 bp mRNA linear PAT 29-OCT-2001
 DEFINITION Sequence 469 from Patent WO0162911.
 ACCESSION AX272900
 VERSION AX272900.1 GI:16545637
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE 1
 AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
 Ellis, J.H.
 TITLE Method and reagent for the inhibition of grid
 JOURNAL Patent: WO 0162911-A 469 30-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)

FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 8 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 972 GGTGCTCCCAAAACC 988
 DB 1 GGTGACCCATGACC 17

RESULT 719
 LOCUS AX273056 17 bp mRNA linear PAT 29-OCT-2001
 DEFINITION Sequence 625 from Patent WO0162911.
 ACCESSION AX273056
 VERSION AX273056.1 GI:16545793
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.

REFERENCE 1
 AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
 Ellis, J.H.
 TITLE Method and reagent for the inhibition of grid
 JOURNAL Patent: WO 0162911-A 625 30-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)

FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1453 TGCMAATCCGAGCCA 1469
 DB 17 TGCCCAAGCCGATGCCA 1

RESULT 720
 LOCUS AX273073 17 bp mRNA linear PAT 29-OCT-2001
 DEFINITION Sequence 642 from Patent WO0162911.
 ACCESSION AX273073
 VERSION AX273073.1 GI:16545810
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1
 JARVIS, T., von Carlwiltz, I., Mcawigen, J.A., Hamblin, P.A. and
 Ellis, J.H.
 TITLE Method and reagent for the inhibition of grid
 JOURNAL Patent: WO 0162911-A 642 30-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES
 source
 1. .17
 /organism="Homo sapiens"
 /mol_type="rRNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 8 g 2 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 GTTCTACAGCCCGAGG 904
 Db 1 GTTCCACAGCGGAGG 17
 RESULT 721
 AX324985 17 bp DNA linear PAT 02-SEP-2002
 LOCUS Sequence 1123 from Patent WO0192512.
 ACCESSION AX324985
 VERSION AX324985.1 GI:18095740
 KEYWORDS
 SOURCE
 ORGANISM
 Mangifera indica (mango)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids II; Sapindales; Anacardiaceae; Mangifera.
 1
 Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1123 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 /organism="Mangifera indica"
 /mol_type="genomic DNA"
 /db_xref="taxon:29780"
 BASE COUNT 4 a 3 c 6 g 4 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 531 CCTGAAGCTCATCATGA 547
 Db 17 CCTGACGCTCATACTGA 1
 RESULT 722
 AX324986 17 bp DNA linear PAT 02-SEP-2002
 LOCUS Sequence 1124 from Patent WO0192512.
 ACCESSION AX324986
 VERSION AX324986.1 GI:18095741
 KEYWORDS
 SOURCE
 ORGANISM
 Mangifera indica (mango)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids II; Sapindales; Anacardiaceae; Mangifera.
 1
 Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
 TITLE Targeted chromosomal genomic alterations in plants using modified

single stranded oligonucleotides
 Patent: WO 0192512-A 1124 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 /organism="Mangifera indica"
 /mol_type="genomic DNA"
 /db_xref="taxon:29780"
 BASE COUNT 4 a 6 c 3 g 4 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 531 CCTGAAGCTCATCATGA 547
 Db 1 CCTGACGCTCATACTGA 17
 RESULT 723
 AX325173 17 bp DNA linear PAT 02-SEP-2002
 LOCUS Sequence 1311 from Patent WO0192512.
 ACCESSION AX325173
 VERSION AX325173.1 GI:18095928
 KEYWORDS
 SOURCE
 ORGANISM
 Fragaria vesca
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids I; Rosales; Rosaceae; Rosoideae; Fragaria.
 1
 Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1311 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 /organism="Fragaria vesca"
 /mol_type="genomic DNA"
 /db_xref="taxon:57918"
 BASE COUNT 7 a 6 c 2 g 2 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 378 CACCTTCAACAAACAG 394
 Db 1 CAACGCAACAAACATCG 17
 RESULT 724
 AX325174 17 bp DNA linear PAT 02-SEP-2002
 LOCUS Sequence 1312 from Patent WO0192512.
 ACCESSION AX325174
 VERSION AX325174.1 GI:18095929
 KEYWORDS
 SOURCE
 ORGANISM
 Fragaria vesca
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids I; Rosales; Rosaceae; Rosoideae; Fragaria.
 1
 Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1312 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 Location/Qualifiers

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/organism="Fragaria vesca"
/mol_type="genomic DNA"
/db_xref="taxon:57918"
BASE COUNT      2 a      2 c      6 g      7 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
      |||||
Db      17 CAACTGCAACACACATCG 1

RESULT 725
AX325189
LOCUS      AX325189
DEFINITION Sequence 1327 from Patent WO0192512.
ACCESSION  AX325189
VERSION     AX325189.1 GI:18095944
KEYWORDS
SOURCE
ORGANISM   Glycine max (soybean)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
            Glycine.
REFERENCE   1
AUTHORS    Kmiec,R.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE      Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
JOURNAL    Patent: WO 0192512-A 1327 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Glycine max"
            /mol_type="genomic DNA"
            /db_xref="taxon:3847"
BASE COUNT      7 a      6 c      2 g      2 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
      |||||
Db      1 CAACTGCAACACACATCG 17

RESULT 726
AX325190/C
LOCUS      AX325190/C
DEFINITION Sequence 1328 from Patent WO0192512.
ACCESSION  AX325190
VERSION     AX325190.1 GI:18095945
KEYWORDS
SOURCE
ORGANISM   Glycine max (soybean)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
            Glycine.
REFERENCE   1
AUTHORS    Kmiec,R.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE      Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
JOURNAL    Patent: WO 0192512-A 1328 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Glycine max"
            /mol_type="genomic DNA"
            /db_xref="taxon:3847"
BASE COUNT      1. 17

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BASE COUNT      2 a      2 c      6 g      7 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
      |||||
Db      17 CAACTGCAACACACATCG 1

RESULT 727
AX325237
LOCUS      AX325237
DEFINITION Sequence 1375 from Patent WO0192512.
ACCESSION  AX325237
VERSION     AX325237.1 GI:18095993
KEYWORDS
SOURCE
ORGANISM   Zea mays
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoideae; Andropogoneae; Zea.
REFERENCE   1
AUTHORS    Kmiec,R.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE      Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
JOURNAL    Patent: WO 0192512-A 1375 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:4577"
BASE COUNT      7 a      6 c      2 g      2 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
      |||||
Db      1 CAACTGCAACACACATCG 17

RESULT 728
AX325238/C
LOCUS      AX325238
DEFINITION Sequence 1376 from Patent WO0192512.
ACCESSION  AX325238
VERSION     AX325238.1 GI:18095994
KEYWORDS
SOURCE
ORGANISM   Zea mays
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoideae; Andropogoneae; Zea.
REFERENCE   1
AUTHORS    Kmiec,R.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE      Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
JOURNAL    Patent: WO 0192512-A 1376 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:4577"
BASE COUNT      2 a      2 c      6 g      7 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 378 CACCTTCAACACACG 394
DB 17 CAACTGCAACAACTCG 1

RESULT 729
AX325533/c 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 1671 from Patent WO0192512.
ACCESSION AX325533
VERSION AX325533.1 GI:18096290
KEYWORDS
SOURCE Solanum tuberosum (potato)
ORGANISM Solanum tuberosum
REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1671 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
SOURCE 1. .17
/organism="Solanum tuberosum"
/mol_type="genomic DNA"
/db_xref="taxon:4113"

BASE COUNT 6 a 1 c 9 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 AGATCCCTATCCCTTC 258
DB 17 AGTCCCTTTCCTTC 1

RESULT 730
AX325534 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 1672 from Patent WO0192512.
ACCESSION AX325534
VERSION AX325534.1 GI:18096291
KEYWORDS
SOURCE Solanum tuberosum (potato)
ORGANISM Solanum tuberosum
REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1672 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
SOURCE 1. .17
/organism="Solanum tuberosum"
/mol_type="genomic DNA"
/db_xref="taxon:4113"

BASE COUNT 1 a 9 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 AGATCCCTATCCCTTC 258
DB 1 AGTCCCTTTCCTTC 17

RESULT 731
AX326137 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 2275 from Patent WO0192512.
ACCESSION AX326137
VERSION AX326137.1 GI:18096899
KEYWORDS
SOURCE Glycine max (soybean)
ORGANISM Glycine max
REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 2275 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
SOURCE 1. .17
/organism="Glycine max"
/mol_type="genomic DNA"
/db_xref="taxon:3847"

BASE COUNT 4 a 9 c 0 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 TCCCACTATCGCTTC 972
DB 1 TCCCACTTAACCTTC 17

RESULT 732
AX326138 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 2276 from Patent WO0192512.
ACCESSION AX326138
VERSION AX326138.1 GI:18096900
KEYWORDS
SOURCE Glycine max (soybean)
ORGANISM Glycine max
REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 2276 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
SOURCE 1. .17
/organism="Glycine max"
/mol_type="genomic DNA"
/db_xref="taxon:3847"

BASE COUNT 4 a 0 c 9 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 TCCCACTATCGCTTC 972
DB 17 TCCCACTTAACCTTC 1

RESULT 733
AX402646

LOCUS AX402646 17 bp DNA linear PAT 07-JUN-2002
DEFINITION Sequence 130 from Patent WO0196612.
ACCESSION AX402646
VERSION AX402646.1 GI:21387637
KEYWORDS Penicillium corylophilum
SOURCE Penicillium corylophilum
ORGANISM Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Penicillium.
REFERENCE 1 Haugland, R. and Vesper, S.
TITLE Method of identifying and quantifying specific fungi and bacteria
JOURNAL Patent: WO 0196612-A 130 20-DEC-2001;
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US)
FEATURES Location/Qualifiers
1..17
/organism="Penicillium corylophilum"
/mol_type="genomic DNA"
/db_xref="taxon:70792"
BASE COUNT 4 a 10 c 1 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GTCCATCTACCCACCCA 1018
DB 1 GTCCACCTCCACCCA 17
RESULT 734
LOCUS AX419938 17 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 275 from Patent WO0198537.
ACCESSION AX419938
VERSION AX419938.1 GI:21524305
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.
TITLE Nucleic acid accessible hybridization sites
JOURNAL Patent: WO 0198537-A 275 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 4 a 5 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 337 GGGCCCTACGTACAG 353
DB 1 GGACCTATGTCTACAG 17
RESULT 735
LOCUS AX422279 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 615 from Patent WO0188124.
ACCESSION AX422279
VERSION AX422279.1 GI:21525661
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1306 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
1..17

AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 615 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 7 c 6 g 0 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1139 CGGTGCTGGCTGAC 1155
DB 17 CGGTGCTGGCTGCTGCC 1
RESULT 736
LOCUS AX422344 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 680 from Patent WO0188124.
ACCESSION AX422344
VERSION AX422344.1 GI:21525726
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 680 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 8 c 0 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1092 TCTCTCCATCTCACT 1108
DB 1 TCTCTCATCTCCACT 17
RESULT 737
LOCUS AX422970 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1306 from Patent WO0188124.
ACCESSION AX422970
VERSION AX422970.1 GI:21526352
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1306 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
1..17

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1106 ACTTCTCAACGCCGAC 1122
DB 1 ACTCCCTCGGCGCCGAC 17

RESULT 740
LOCUS AX423498 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1834 from Patent WO0188124.
ACCESSION AX423498
VERSION AX423498.1 GI:21526880
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1834 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 2 c 6 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TGTACAGAGTCAGG 942
DB 1 TGTACATGAGTATG 17

RESULT 738
LOCUS AX423384 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1720 from Patent WO0188124.
ACCESSION AX423384
VERSION AX423384.1 GI:21526766
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1720 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 3 c 6 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 395 ACACCGTGTCTCTC 411
DB 17 ACGCTGTCTCTCTC 1

RESULT 739
LOCUS AX423434 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1770 from Patent WO0188124.
ACCESSION AX423434
VERSION AX423434.1 GI:21526816
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1770 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 9 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 511 ATGAGGAATTAAGCCAT 527
DB 1 ATGAGGAGGAGCACAT 17

RESULT 741
LOCUS AX423507 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1843 from Patent WO0188124.
ACCESSION AX423507
VERSION AX423507.1 GI:21526889
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1843 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 2 c 6 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 742
AX423529 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX423529
DEFINITION Sequence 1865 from Patent WO0188124.
ACCESSION AX423529
VERSION AX423529.1 GI:21526911
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1865 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 4 c 4 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 817 CAGTGCACATGATGCA 833
Db 1 CTGTGCAAGTACCAA 17
RESULT 743
AX423531 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX423531
DEFINITION Sequence 1867 from Patent WO0188124.
ACCESSION AX423531
VERSION AX423531.1 GI:21526913
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1867 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 5 c 4 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 788 TTAGCAAGTTGATTC 804
Db 1 TGACCAAGACGACCTC 17
RESULT 744
AX423547 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX423547
DEFINITION Sequence 1883 from Patent WO0188124.
ACCESSION AX423547
VERSION AX423547.1 GI:21526929
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1883 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 10 c 4 g 1 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1195 CCGGTACCGGATCCC 1211
Db 1 CCGGTACCGGACCCC 17
RESULT 745
AX428711 17 bp DNA linear PAT 20-JUN-2002
LOCUS AX428711
DEFINITION Sequence 110 from Patent EP1201771.
ACCESSION AX428711
VERSION AX428711.1 GI:21538622
KEYWORDS unidentfied
SOURCE unidentfied
ORGANISM unclassified.
REFERENCE 1 Van Doorn,L.J., Kletter,B. and Ter Schegget,J.
TITLE Detection and identification of human papillomavirus by pcr and type-specific reverse hybridization
JOURNAL Patent: EP 1201771-A 110 02-MAY-2002;
INNOGENETICS N.V. (BE) ; Delfts Diagnostic Laboratory B.V. (NL)
FEATURES
Source Location/Qualifiers
1..17
/organism="unidentfied"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 5 a 1 c 5 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 832 AATGAACTTGGGCA 848
Db 1 AATGAAATTGTGGCA 17
RESULT 746
AX474864 17 bp DNA linear PAT 12-AUG-2002
LOCUS AX474864
DEFINITION Sequence 85 from Patent WO0224750.
ACCESSION AX474864
VERSION AX474864.1 GI:22214149
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Zhang,J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 85 28-MAR-2002;

FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 3 c 8 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 477 GCCCAATCTCTGCT 493
17 GCCGAATCTCTCT 1

Db 17 GCCGAATCTCTCT 1

RESULT 747
AX475290 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 511 from Patent WO0224750.
DEFINITION
ACCESSION AX475290
VERSION AX475290.1 GI:22214575
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 511 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 6 c 4 g 4 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1358 TCTACATCGCTGGG 1374
1 TCTACTCCAGCTGGG 17

Db 1 TCTACTCCAGCTGGG 17

RESULT 748
AX475761 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 982 from Patent WO0224750.
DEFINITION
ACCESSION AX475761
VERSION AX475761.1 GI:22215046
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 982 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 4 c 6 g 4 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1334 TGGAGGGGAGACTCTT 1350
1 TGGAGGGGAGACTCTT 17

Db 1 TGGAGGGGAGACTCTT 17

RESULT 749
AX498979 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 286 from Patent EP1229046.
DEFINITION
ACCESSION AX498979
VERSION AX498979.1 GI:23381272
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 286 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 6 c 5 g 1 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1422 GGGCTGCGCTGCTGC 1438
17 GGGCTGCTGCTGCTGC 1

Db 17 GGGCTGCTGCTGCTGC 1

RESULT 750
AX498981 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 288 from Patent EP1229046.
DEFINITION
ACCESSION AX498981
VERSION AX498981.1 GI:23381274
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 288 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 6 c 5 g 2 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1420 CTGGCTGCGCTGCT 1436
17 CAGGGTGCATCTGCT 1

Db 17 CAGGGTGCATCTGCT 1

RESULT 751

AX498982/c
LOCUS AX498982 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 289 from Patent EP1229046.
ACCESSION AX498982
VERSION AX498982.1 GI:23381275
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 289 07-AUG-2002;
JOURNAL Aecmica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 5 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1419 GCTGGGCTGCTGCTGC 1435
Db 17 GCACGCGCTGCATCTCTGC 1
RESULT 752
AX499057/c 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499057
DEFINITION Sequence 364 from Patent EP1229046.
ACCESSION AX499057
VERSION AX499057.1 GI:23381350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 364 07-AUG-2002;
JOURNAL Aecmica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 8 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 420 CACCTTCAGTTCAGC 436
Db 17 CATCTCCAGCTCCAGC 1
RESULT 753
AX499058 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499058
DEFINITION Sequence 365 from Patent EP1229046.
ACCESSION AX499058
VERSION AX499058.1 GI:23381351
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 365 07-AUG-2002;
JOURNAL Aecmica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 419 GCACCTTCAGTTCAGC 435
Db 17 GCATCTCCAGCTCCAGC 1
RESULT 754
AX499167 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499167
DEFINITION Sequence 474 from Patent EP1229046.
ACCESSION AX499167
VERSION AX499167.1 GI:23381460
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 474 07-AUG-2002;
JOURNAL Aecmica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 6 c 5 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 419 GCACCTTCAGTTCAGC 435
Db 1 GCACCTTCAGTTCAGC 17
RESULT 755
AX499358 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499358
DEFINITION Sequence 665 from Patent EP1229046.
ACCESSION AX499358
VERSION AX499358.1 GI:23381651
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 665 07-AUG-2002;
JOURNAL Aecmica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"

BASE COUNT 5 a 8 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 382 TTCAACACCAACGACAC 398
1 TTCAACACCAACGACAC 17

RESULT 756
AX499359
LOCUS AX499359 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 666 from Patent EP1229046.
ACCESSION AX499359
VERSION AX499359.1 GI:23381652
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 666 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 9 c 1 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 TCACACCAACGACAC 399
1 TCACACCAACGACAC 17

RESULT 757
AX499380/c
LOCUS AX499380 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 687 from Patent EP1229046.
ACCESSION AX499380
VERSION AX499380.1 GI:23381673
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 687 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 8 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 CCTGAAGCGCGAGAGC 319

DB 17 CCTGAAGCGCGAGAGC 1

RESULT 758
AX499381/c
LOCUS AX499381 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 688 from Patent EP1229046.
ACCESSION AX499381
VERSION AX499381.1 GI:23381674
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 688 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 302 TCCTGAAGCGCGAGAG 318
17 TCCTGAAGCGCGAGAG 1

RESULT 759
AX499486/c
LOCUS AX499486 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 793 from Patent EP1229046.
ACCESSION AX499486
VERSION AX499486.1 GI:23381779
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 793 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 8 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 414 GTACCGCACTTCACACT 430
17 GTACCGCGCGCTCCAGT 1

RESULT 760
AX500275
LOCUS AX500275 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 1582 from Patent EP1229046.
ACCESSION AX500275

VERSION AX500275.1 GI:23382568
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1582 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 6 c 2 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 474 CATGCCACATCTCTGG 490
DB 1 CATCATTACATCTCTGG 17
RESULT 761
AX527018 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527018
DEFINITION Sequence 48 from Patent WO0226818.
ACCESSION AX527018
VERSION AX527018.1 GI:25171633
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 48 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 3 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1211 CCATGAACGCTCTCTG 1227
DB 1 CAATGAATGCTCTCTTG 17
RESULT 762
AX527020 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527020
DEFINITION Sequence 50 from Patent WO0226818.
ACCESSION AX527020
VERSION AX527020.1 GI:25171635
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1

JOURNAL Patent: WO 0226818-A 50 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 3 g 8 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1213 ATGAACGCTCTGTGAA 1229
DB 1 ATGAATGCTCTTTGTA 17
RESULT 763
AX527021 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527021
DEFINITION Sequence 51 from Patent WO0226818.
ACCESSION AX527021
VERSION AX527021.1 GI:25171636
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 51 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 3 g 8 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1214 TGAACGCTCTGTGAA 1230
DB 1 TGAATGCTCTTTGTA 17
RESULT 764
AX527022 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527022
DEFINITION Sequence 52 from Patent WO0226818.
ACCESSION AX527022
VERSION AX527022.1 GI:25171637
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 52 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1215 GAAGTCTCTGTGAAC 1231
DB 1 GAATGCTCTTGTATAC 17

RESULT 765

AX530997/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 506 from Patent EP1239051.
ACCESSION AX530997
VERSION AX530997.1 GI:25253781
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Shannon, M.
AUTHORS
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 506 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT

2 a 3 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 AAGAGATCCCTATCCC 254
DB 17 AAGAGACCCCTCTCCC 1

RESULT 766
AX530998/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 507 from Patent EP1239051.
ACCESSION AX530998
VERSION AX530998.1 GI:25253783
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Shannon, M.
AUTHORS
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 507 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT

2 a 4 c 8 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GAAGAGATCCCTATCC 253
DB 17 GAAGAGACCCCTCTCC 1

RESULT 767
AX530999/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 508 from Patent EP1239051.
ACCESSION AX530999
VERSION AX530999.1 GI:25253785
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Shannon, M.
AUTHORS
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 508 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT

2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 236 GAAGAGATCCCTATC 252
DB 17 GAAGAGACCCCTCTC 1

RESULT 768
AX531002/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 511 from Patent EP1239051.
ACCESSION AX531002
VERSION AX531002.1 GI:25253791
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Shannon, M.
AUTHORS
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 511 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT

2 a 6 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 TGTGAAGAGATCCCT 249
DB 17 TGTGAAGAGACCCCT 1

RESULT 769
AX531054/c 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 563 from Patent EP1239051.
ACCESSION AX531054
VERSION AX531054.1 GI:25253890
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

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REFERENCE
AUTHORS      1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
JOURNAL      1
FEATURES
SOURCE
BASE COUNT   6 a 7 c 4 g 0 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1420 CTGGGCTGCTCTCTCT 1436
Db 17 CTGGGCTGCTCTCTCT 1

RESULT 770
AX531119      17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION   Sequence 628 from Patent EP1239051.
ACCESSION    AX531119
VERSION      AX531119.1 GI:25254041
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS      1 Shannon, M.
              Human poeh-like protein 1
              Patent: EP 1239051-A 628 11-SEP-2002;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       Location/Qualifiers
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              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"

BASE COUNT   2 a 4 c 7 g 4 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1332 CATGAGGGGAGACTC 1348
Db 1 CATGAGGGGAGACTC 17

RESULT 771
AX531293      17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION   Sequence 802 from Patent EP1239051.
ACCESSION    AX531293
VERSION      AX531293.1 GI:25254372
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS      1 Shannon, M.
              Human poeh-like protein 1
              Patent: EP 1239051-A 802 11-SEP-2002;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT   4 a 8 c 3 g 2 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 CATCAGCAGCAGCTCC 190
Db 1 CATCAGCAGCAGCTCC 17

RESULT 772
AX531385      17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION   Sequence 894 from Patent EP1239051.
ACCESSION    AX531385
VERSION      AX531385.1 GI:25254551
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS      1 Shannon, M.
              Human poeh-like protein 1
              Patent: EP 1239051-A 894 11-SEP-2002;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       Location/Qualifiers
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              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"

BASE COUNT   4 a 6 c 3 g 4 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 401 TGCTCTCTCTGAGTAC 417
Db 1 TGACCTCTCTCAGAGAC 17

RESULT 773
AX531717      17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION   Sequence 1226 from Patent EP1239051.
ACCESSION    AX531717
VERSION      AX531717.1 GI:25255217
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS      1 Shannon, M.
              Human poeh-like protein 1
              Patent: EP 1239051-A 1226 11-SEP-2002;
              Aeomica, Inc. (US)
JOURNAL
FEATURES
SOURCE       Location/Qualifiers
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              /mol_type="genomic DNA"
              /db_xref="taxon:9606"

BASE COUNT   4 a 3 g 3 c

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1557 ATCAGCTCCCAAGGCT 1573
DB 1 ATCAGCACCCTCATGCT 17

RESULT 774
LOCUS AX531718 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1227 from Patent EP1239051.
ACCESSION AX531718
VERSION AX531718.1 GI:25255219
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1227 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1558 TCAGCTCCCAAGGCTC 1574
DB 1 TCAGCACCCTCATGCTC 17

RESULT 775
LOCUS AX532499/c 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 2008 from Patent EP1239051.
ACCESSION AX532499
VERSION AX532499.1 GI:25256769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2008 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
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/mol_type="genomic DNA"
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BASE COUNT 4 a 4 c 7 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1379 TGCCCAAGGTATGCAC 1395
DB 17 TGCCCTGCTGATGCAC 1

RESULT 776
LOCUS AX544580/c 17 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 93 from Patent EP1243660.

ACCESSION AX544580
VERSION AX544580.1 GI:25809791
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 93 25-SEP-2002;
Aeomica, Inc. (US)
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source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 1 c 7 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 382 TTCACCAACACGACAC 398
DB 17 TTCACACCAACGACAC 1

RESULT 777
LOCUS AX544585/c 17 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 98 from Patent EP1243660.
ACCESSION AX544585
VERSION AX544585.1 GI:25809796
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 98 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 6 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 TCAGCTCAACACACAC 393
DB 17 TCAGCTCAACACACAC 1

RESULT 778
LOCUS AX544586/c 17 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 99 from Patent EP1243660.
ACCESSION AX544586
VERSION AX544586.1 GI:25809797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.

TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 99 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 5 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 ATCACTTCACACACAA 392
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17 ATCAAGTTCACACCAA 1

Db 17 ATCAAGTTCACACCAA 1

RESULT 779
AX544985 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 498 from Patent EP1243660.
DEFINITION AX544985
ACCESSION AX544985
VERSION AX544985.1 GI:25810196
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Butheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL Zhang, J., Gu, Y. and Nguyen, C.T.
Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
Patent: EP 1243660-A 498 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 5 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 697 GAGCTCAACACTCCGA 713
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1 GAGCTCAAGTACTCCAA 17

Db 1 GAGCTCAAGTACTCCAA 17

RESULT 780
AX578287 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 125 from Patent WO0211674.
DEFINITION AX578287
ACCESSION AX578287
VERSION AX578287.1 GI:27647489
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Butheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
Patent: WO 0211674-A 125 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"

BASE COUNT 5 a 3 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 TGCTGAGGAGGAAA 1593
|||||
17 TGTTGAGAAATCAAA 1

Db 17 TGTTGAGAAATCAAA 1

RESULT 781
AX578846 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 684 from Patent WO0211674.
DEFINITION AX578846
ACCESSION AX578846
VERSION AX578846.1 GI:27648048
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
Patent: WO 0211674-A 684 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1332 CATGAGGAGGAGACTC 1348
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17 CCTGGAGGAGTAGACTC 1

Db 17 CCTGGAGGAGTAGACTC 1

RESULT 782
AX579213 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 1051 from Patent WO0211674.
DEFINITION AX579213
ACCESSION AX579213
VERSION AX579213.1 GI:27648415
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Butheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
Patent: WO 0211674-A 1051 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 6 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1359 CTCACTCAGCTGTGT 1375
Db 17 CTCACCTCTGTGGGT 1

RESULT 783
AX579705/C
LOCUS AX579705 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1543 from Patent WO0211674.
ACCESSION AX579705
VERSION AX579705.1 GI:27648907
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., McSwiggen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1543 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)

FEATURES
SOURCE Location/Qualifiers
1..17

BASE COUNT 6 a 2 c 8 g 1 t
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1082 CCCCCTTTCTCTCC 1098
Db 17 CCACCTCTCTCTCTCC 1

RESULT 784
AX634845 17 bp mRNA linear PAT 21-FEB-2003
LOCUS AX634845
DEFINITION Sequence 1984 from Patent EP1260586.
ACCESSION AX634845
VERSION AX634845.1 GI:28470459
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE unidentified
AUTHORS unclassified.

REFERENCE 1
AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Drenzo, A.,
Karpelisky, A., Draper, K.G., Kisch, K., Matulic-Adamic, J.,
McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Swedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 1984 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
SOURCE Location/Qualifiers
1..17
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1402 CAGTACGTCCTCTGCG 1418
Db 1 CAGTACTCTCCCGAGGC 17

RESULT 785
AX648954
LOCUS AX648954 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 794 from Patent EP1273660.
ACCESSION AX648954
VERSION AX648954.1 GI:29151772
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 794 08-JAN-2003;
Aeonica, Inc. (US)

FEATURES
SOURCE Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 7 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1311 CTGTTTGAGAGAGCG 1327
Db 1 CTGTTTGAGAGAGCG 17

RESULT 786
AX649436 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX649436
DEFINITION Sequence 1276 from Patent EP1273660.
ACCESSION AX649436
VERSION AX649436.1 GI:29152254
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 1276 08-JAN-2003;
Aeonica, Inc. (US)

FEATURES
SOURCE Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 3 c 3 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1504 AAGGCTCAAGATTA 1520
Db 17 AAGGCTCAAGATTA 1

RESULT 787

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 836 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 ATCAGTGCACATGATC 831
17 ATTATGGCAACATGATC 1

RESULT 792
LOCUS AX672394 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 839 from Patent WO03004526.
ACCESSION AX672394
VERSION AX672394.1 GI:29330742
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 839 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 2 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 ATCAGTGCACATGATC 831
17 ATCTTGAACATGATC 1

RESULT 793
LOCUS AX672398 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 843 from Patent WO03004526.
ACCESSION AX672398
VERSION AX672398.1 GI:29330746
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines

JOURNAL Patent: WO 03004526-A 843 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTTACA 619
1 GATCATGTGTGCTTACA 17

RESULT 794
LOCUS AX672501 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 946 from Patent WO03004526.
ACCESSION AX672501
VERSION AX672501.1 GI:29330849
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 946 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 GATCATGTGACCTTCTG 844
1 GATCCAAAGAACTTCTG 17

RESULT 795
LOCUS AX672611 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1056 from Patent WO03004526.
ACCESSION AX672611
VERSION AX672611.1 GI:29330959
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 1056 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"

BASE COUNT 4 a 11 c 1 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1001 GGTCATCATCCACC 1017
DB 1 GATCCACCACCACC 17

RESULT 796
LOCUS AX673010 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1455 from Patent WO03004526.
ACCESSION AX673010
VERSION AX673010.1 GI:29331358
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1455 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1495 AGTAGTAAAGGCTC 1511
DB 17 AGTGTAAATGCGATC 1

RESULT 797
LOCUS AX673077 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1522 from Patent WO03004526.
ACCESSION AX673077
VERSION AX673077.1 GI:29331425
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1522 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAGGACA 679
DB 1 GATCCCTTCAGGAGA 17

RESULT 798
LOCUS AX673114 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1559 from Patent WO03004526.
ACCESSION AX673114
VERSION AX673114.1 GI:29331462
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1559 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 2 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCTCT 259
DB 1 GATCCCTATGCTCATCT 17

RESULT 799
LOCUS AX673384 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1829 from Patent WO03004526.
ACCESSION AX673384
VERSION AX673384.1 GI:29331732
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1829 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 300 GATCTGAAGGCGAGA 316
DB 17 GATCTGAAGGCGAGA 316

Db 1 GATCCTGAAGAGCTTGA 17

RESULT 800
LOCUS AX673420/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1865 from Patent WO03004526.
ACCESSION AX673420
VERSION AX673420.1 GI:29331768
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 1865 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 4 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1061 TCAGACCTGCGAGTTC 1077
Db 17 TCAGCTTTCGAGATC 1

RESULT 801
LOCUS AX673755/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2200 from Patent WO03004526.
ACCESSION AX673755
VERSION AX673755.1 GI:29332103
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 2200 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 3 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 TGAAGCTCATCATGACC 549
Db 17 TGAAGCTCATCATGATC 1

RESULT 802
AX674491

LOCUS AX674491 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2936 from Patent WO03004526.
ACCESSION AX674491
VERSION AX674491.1 GI:29332839
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 2936 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 GATCAGTGCACATGAT 830
Db 1 GATCAGTGCACATGAT 17

RESULT 803
LOCUS AX674685/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3130 from Patent WO03004526.
ACCESSION AX674685
VERSION AX674685.1 GI:29333033
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 3130 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGAGAGATC 246
Db 17 ACATTTGAGAGATC 1

RESULT 804
LOCUS AX687342/c 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 74 from Patent EP1281758.
ACCESSION AX687342
VERSION AX687342.1 GI:29410036
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 74 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 1 c 8 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 625 CCCCTTGATCTCAT 641
Db 17 CCCCTCTGAATCTCAT 1
RESULT 805
AX687630 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 362 from Patent EP1281758.
DEFINITION AX687630
ACCESSION AX687630.1 GI:29410326
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 362 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 6 c 4 g 1 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 174 CATCAAGCAGAGTCC 190
Db 1 CACCAAGCAGAGTCC 17
RESULT 806
AX687631 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 363 from Patent EP1281758.
DEFINITION AX687631
ACCESSION AX687631.1 GI:29410327
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

mdz12
JOURNAL Patent: EP 1281758-A 363 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 5 c 4 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 175 ATCAAGCAGAGTCTCT 191
Db 1 ACCAAGCAGAGTCTCT 17
RESULT 807
AX687646 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 378 from Patent EP1281758.
DEFINITION AX687646
ACCESSION AX687646.1 GI:29410342
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 378 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 1 a 4 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1063 AGCAGCTGAGGTTGAG 1079
Db 17 AGCAGCAGAGCTCCAG 1
RESULT 808
AX687647 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 379 from Patent EP1281758.
DEFINITION AX687647
ACCESSION AX687647.1 GI:29410343
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 379 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"

BASE COUNT 1 a /db_xref="taxon:9606" 3 c 8 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1062 GAGCAGCTGAGCTTCA 1078
 |||||
 Db 17 CAGCAGCAGAGCTCTCA 1

RESULT 809
 AX687650 17 bp DNA linear PAT 31-MAR-2003
 LOCUS Sequence 382 from Patent EP1281758.
 ACCESSION AX687650
 VERSION AX687650.1 GI:29410346
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 382 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 3 c 8 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 317 AGCCGACGCTGGGAG 333
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 Db 1 AGCTGCTGCTGCTGGAG 17

RESULT 810
 AX687651 17 bp DNA linear PAT 31-MAR-2003
 LOCUS Sequence 383 from Patent EP1281758.
 ACCESSION AX687651
 VERSION AX687651.1 GI:29410347
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 383 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 1 a 4 c 8 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 318 GCGCAGGCGCGAGC 334
 |||||
 Db 1 GCTGCTGCTGCTGAGC 17

RESULT 811
 AX687651/c 17 bp DNA linear PAT 31-MAR-2003
 LOCUS Sequence 607 from Patent EP1281758.
 ACCESSION AX687651
 VERSION AX687651.1 GI:29410573
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM

REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 607 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 5 a 2 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1526 CCATTGAGGCTATCT 1542
 |||||
 Db 17 CCATTGAGGCTTAACCT 1

RESULT 812
 AX688200/c 17 bp DNA linear PAT 31-MAR-2003
 LOCUS Sequence 932 from Patent EP1281758.
 ACCESSION AX688200
 VERSION AX688200.1 GI:29410900
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM

REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 932 05-FEB-2003;
 Aecomica, Inc. (US)
 FEATURES location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 445 TCCGACGCTGGAGAG 461
 |||||
 Db 17 TCCGACGCTGGAGAG 1

RESULT 813
 AX688303/c

LOCUS AX688303 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1035 from Patent EP1281758.
ACCESSION AX688303
VERSION AX688303.1 GI:29411003
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1035 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 1 a 7 c 6 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 521 AGCCCATGACCTGAAG 537
DB 17 AGCCCGAGGCGCTTGAG 1
RESULT 814
LOCUS AX688532 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1264 from Patent EP1281758.
ACCESSION AX688532
VERSION AX688532.1 GI:29411234
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1264 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 0 c 10 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1348 CTTGACATCTTACAC 1364
DB 17 CTCGCCACTCTGCAC 1
RESULT 815
LOCUS AX688610 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1342 from Patent EP1281758.
ACCESSION AX688610
VERSION AX688610.1 GI:29411312
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1342 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 344 AGGTGACAGGAGTCC 360
DB 1 AGGTGACAGGAGTCC 17
RESULT 816
LOCUS AX688648 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1380 from Patent EP1281758.
ACCESSION AX688648
VERSION AX688648.1 GI:29411350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1380 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 5 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1062 CAGCACCCTGAGCTTCA 1078
DB 1 CAGCACCCTGAGCTTCA 17
RESULT 817
LOCUS AX688794 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1526 from Patent EP1281758.
ACCESSION AX688794
VERSION AX688794.1 GI:29411498
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1526 05-FEB-2003;

FEATURES
source Aeomica, Inc. (US)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 4 c 5 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 744 CCAGACATCTCAGCAGCA 760
Db 1 CAAGAGCTTCAGCAGCA 17

RESULT 818
AX690464 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 3196 from Patent EP1281758.
ACCESSION AX690464
VERSION AX690464.1 GI:29413345
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: BP 1281758-A 3196 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 CAGGATGTCCCTTC 672
Db 17 CAGGATGTCTCTCTC 1

RESULT 819
AX690579 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 3311 from Patent EP1281758.
ACCESSION AX690579
VERSION AX690579.1 GI:29413460
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: BP 1281758-A 3311 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1340 GCGAGCTCTTCACACA 1356
Db 1 GCGAGCTCTTCACACA 17

RESULT 820
AX690637 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 3369 from Patent EP1281758.
ACCESSION AX690637
VERSION AX690637.1 GI:29413518
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: BP 1281758-A 3369 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 6 c 4 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 CACCAAGGAGCAGATCC 190
Db 1 CACCAAGGAGCAGATCC 17

RESULT 821
AX690638 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 3370 from Patent EP1281758.
ACCESSION AX690638
VERSION AX690638.1 GI:29413519
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: BP 1281758-A 3370 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 175 ATCAAGCAGCAGGTCT 191
| |||| |||| ||||

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4111 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 1 c 7 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1348 CTTGACACATTTCTAC 1364
Db 17 CTTGCCACATTTCTCAC 1
RESULT 827
AX691380/c 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691380 4112 from Patent EP1281758.
ACCESSION AX691380
VERSION AX691380.1 GI:29414316
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4112 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 1 c 6 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1347 TCTTCACACATTTCTACA 1363
Db 17 TCTTGCCACATTTCTTCA 1
RESULT 828
AX691708 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691708 4440 from Patent EP1281758.
ACCESSION AX691708
VERSION AX691708.1 GI:29414646
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4440 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers

source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 5 c 8 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 422 CCTTCAGTTCAGCCC 438
Db 17 CCTGCAGTTCAGCCC 1
RESULT 829
AX691932 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691932 4664 from Patent EP1281758.
ACCESSION AX691932
VERSION AX691932.1 GI:29414873
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4664 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 8 c 4 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 528 GACCTGAGGCTCATCA 544
Db 1 GACCTGAGGCTCATCA 17
RESULT 830
AX692601 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX692601 5333 from Patent EP1281758.
ACCESSION AX692601
VERSION AX692601.1 GI:29415559
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5333 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 8 c 3 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 755 GCAGATCCACCTCTG 771
DB 1 GCAGATCCACCTCTG 17

RESULT 831

AX692602 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 5334 from Patent EP1281758.
ACCESSION AX692602
VERSION AX692602.1 GI:29415560
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5334 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 CAGATCCACCTCTG 772
DB 1 CAGATCCACCTCTG 17

RESULT 832
AX693063 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 5795 from Patent EP1281758.
ACCESSION AX693063
VERSION AX693063.1 GI:29416027
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5795 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1527 CATTGAGCCTATTCTG 1543
DB 1 CATTGAGCCTATTCTG 17

RESULT 833

AX693064 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 5796 from Patent EP1281758.
ACCESSION AX693064
VERSION AX693064.1 GI:29416028
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5796 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 3 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1528 ATTGAGCCTATTCTGA 1544
DB 1 ATTGAGCCTATTCTGA 17

RESULT 834
AX693067 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 5799 from Patent EP1281758.
ACCESSION AX693067
VERSION AX693067.1 GI:29416031
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniala; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5799 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 4 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1531 CAGGCTATTCTGATC 1547
DB 1 CAGGCTATTCTGATC 17

RESULT 835
AX693204 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION Sequence 5936 from Patent EP1281758.
ACCESSION AX693204
VERSION AX693204.1 GI:29416168

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M., Gu, Y. and Nguyen, C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 5936 05-FEB-2003;
Aeomica, Inc. (US)

FEATURES
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/mol_type="genomic DNA"
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BASE COUNT
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1230 ACTGACGCTGACCTCT 1246
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Db 17 ACTCCAGCTGGCCCTCT 1

RESULT 836
AX693377/c 17 bp DNA linear PAT 01-APR-2003

LOCUS
DEFINITION Sequence 6109 from Patent EP1281758.
AX693377
ACCESSION
VERSION AX693377.1 GI:29416342

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M., Gu, Y. and Nguyen, C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 6109 05-FEB-2003;
Aeomica, Inc. (US)

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/db_xref="taxon:9606"

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 946 TTGTGAAGCATCCAC 962
17 TTGTGAAGCTTTCCAC 1

Db 17 TTGTGAAGCTTTCCAC 1

RESULT 837
AX693378 17 bp DNA linear PAT 31-MAR-2003

LOCUS
DEFINITION Sequence 6110 from Patent EP1281758.
AX693378
ACCESSION
VERSION AX693378.1 GI:29416343

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M., Gu, Y. and Nguyen, C.T.

TITLE
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 6110 05-FEB-2003;
Aeomica, Inc. (US)

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 GTTGAAGCATCCCA 961
17 GTTGAAGCTTTCCCA 1

Db 17 GTTGAAGCTTTCCCA 1

RESULT 838
AX693379/c 17 bp DNA linear PAT 31-MAR-2003

LOCUS
DEFINITION Sequence 6111 from Patent EP1281758.
AX693379
ACCESSION
VERSION AX693379.1 GI:29416344

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M., Gu, Y. and Nguyen, C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 6111 05-FEB-2003;
Aeomica, Inc. (US)

FEATURES
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BASE COUNT
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Query Match
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 944 TGTGAAGCATCCCA 960
17 TGTGAAGCTTTCCCA 1

Db 17 TGTGAAGCTTTCCCA 1

RESULT 839
AX693488 17 bp DNA linear PAT 31-MAR-2003

LOCUS
DEFINITION Sequence 6220 from Patent EP1281758.
AX693488
ACCESSION
VERSION AX693488.1 GI:29416453

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS 1
TITLE Shannon, M., Gu, Y. and Nguyen, C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
Patent: EP 1281758-A 6220 05-FEB-2003;
Aeomica, Inc. (US)

FEATURES
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/db_xref="taxon:9606"
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      170 CGCTCATCAAGCAG 186
DB      1 CACTCATCAACATCAG 17

RESULT 840
LOCUS      AX693534      17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION      Sequence 6266 from Patent EP1281758.
ACCESSION      AX693534
VERSION      AX693534.1 GI:29416499
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL      Patent: EP 1281758-A 6266 05-FEB-2003;
            Neomica, Inc. (US)
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/db_xref="taxon:9606"

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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1035 GTGCTCGAGCTCGAA 1051
DB      1 GTGCCGAGAGTGTGAA 17

RESULT 841
LOCUS      AX693612      17 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION      Sequence 6344 from Patent EP1281758.
ACCESSION      AX693612
VERSION      AX693612.1 GI:29416577
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS      Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL      Patent: EP 1281758-A 6344 05-FEB-2003;
            Neomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      5 c      5 g      4 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      1029 CTGCCGCTGCTGAGT 1045
DB      1 CTACGCGTCTGCTGAAAT 17

RESULT 842
LOCUS      AX699233      17 bp      DNA      linear      PAT 02-APR-2003
DEFINITION      Sequence 174 from Patent WO03000727.
ACCESSION      AX699233
VERSION      AX699233.1 GI:29499883
KEYWORDS
SOURCE      synthetic construct
ORGANISM      artificial sequences.
REFERENCE
AUTHORS      Zhang,Y., Moffatt,M., Cookson,W. and Tinsley,J.
TITLE      Atopy
JOURNAL      Patent: WO 03000727-A 174 03-JAN-2003;
            ISIS INNOVATION LIMITED (GB)
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT      0 a      7 c      2 g      8 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1089 GTTCTCTCCCATCTTC 1105
DB      1 GTTCTCTCCCTGCTTC 17

RESULT 843
LOCUS      AX722550      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION      Sequence 237 from Patent WO03025176.
ACCESSION      AX722550
VERSION      AX722550.1 GI:30423051
KEYWORDS
SOURCE      Mus musculus (house mouse)
ORGANISM      Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS      Telemann,A., Amson,R. and Tjinder,M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
            reversion, apoptosis and/or virus resistance and their use as
            medicines
JOURNAL      Patent: WO 03025176-A 237 27-MAR-2003;
            Molecular Engines Laboratories (FR)
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1.17
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/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      4 a      3 c      5 g      5 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1202 CCGGAATCCCATGAAC 1218
DB      17 CAGGAATCCCATGATC 1

RESULT 844

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AX722915
LOCUS AX722915 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 602 from Patent WO03025176.
ACCESSION AX722915
VERSION AX722915.1 GI:30423416
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 602 27-MAR-2003;
FEATURES
SOURCE Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTTACA 619
DB 1 GATCATGTGGGCTTACA 17

RESULT 845
AX723539/c
LOCUS AX723539 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1226 from Patent WO03025176.
ACCESSION AX723539
VERSION AX723539.1 GI:30424040
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 1226 27-MAR-2003;
FEATURES
SOURCE Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 9 c 1 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 941 GGGTGTGGAAGCATC 957
DB 17 GGGTGTGGAAGCATC 1

RESULT 846
AX723808/c
LOCUS AX723808 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1495 from Patent WO03025176.
ACCESSION AX723808
VERSION AX723808.1 GI:30503151

KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 1495 27-MAR-2003;
FEATURES
SOURCE Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 4 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 TGAAGCTCATCATGACC 549
DB 17 TGAAGCTCATCATGACC 1

RESULT 847
AX724414/c
LOCUS AX724414 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2101 from Patent WO03025176.
ACCESSION AX724414
VERSION AX724414.1 GI:30503757
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 2101 27-MAR-2003;
FEATURES
SOURCE Molecular Engines Laboratories (FR)
Location/Qualifiers
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BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1038 CCTGAGCTCGAATTC 1054
DB 17 CCTGAGCTCGAATTC 1

RESULT 848
AX724702
LOCUS AX724702 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2389 from Patent WO03025176.
ACCESSION AX724702
VERSION AX724702.1 GI:30504045
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 2389 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers
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 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
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 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 546 GACCTGGCATTACCA 562
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 1 GATCTTGGGCTTCACCA 17

RESULT 849
 AX724717 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2404 from Patent WO03025176.
 DEFINITION AX724717
 ACCESSION AX724717
 VERSION AX724717.1 GI:30504060
 KEYWORDS
 ORGANISM Mus musculus (house mouse)
 SOURCE
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 2404 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers
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 /mol_type="genomic DNA"
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 BASE COUNT 6 a 2 c 4 g 5 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTACA 619
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 1 GATCATGTGATCTTAAA 17

Db 1 GATCATGTGATCTTAAA 17

RESULT 850
 AX724898 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2585 from Patent WO03025176.
 DEFINITION AX724898
 ACCESSION AX724898
 VERSION AX724898.1 GI:30504241
 KEYWORDS
 ORGANISM Mus musculus (house mouse)
 SOURCE
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines

JOURNAL Patent: WO 03025176-A 2585 27-MAR-2003;
 Molecular Engines Laboratories (FR)
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 BASE COUNT 3 a 8 c 4 g 2 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1179 GTTCCTGACATCCACC 1195
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 1 GATCCTGACATCCACC 17

RESULT 851
 AX725693 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3380 from Patent WO03025176.
 DEFINITION AX725693
 ACCESSION AX725693
 VERSION AX725693.1 GI:30505036
 KEYWORDS
 ORGANISM Mus musculus (house mouse)
 SOURCE
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 3380 27-MAR-2003;
 Molecular Engines Laboratories (FR)
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 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 GATCCATGAAGCTAATG 927
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 1 GATCCAGAAAGCTCATG 17

Db 1 GATCCAGAAAGCTCATG 17

RESULT 852
 AX725756 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3443 from Patent WO03025176.
 DEFINITION AX725756
 ACCESSION AX725756
 VERSION AX725756.1 GI:30505099
 KEYWORDS
 ORGANISM Mus musculus (house mouse)
 SOURCE
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
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 JOURNAL Patent: WO 03025176-A 3443 27-MAR-2003;
 Molecular Engines Laboratories (FR)
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1310 TCTGTTTGCAGAGC 1326
17 TCCGGTTTACAGAGATC 1

RESULT 853
AX726528 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726528
DEFINITION Sequence 4215 from Patent WO03025176.
ACCESSION AX726528
VERSION AX726528.1 GI:30505871
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4215 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTACA 619
1 GATCATGTTTGGCTACA 17

RESULT 854
AX726634 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726634
DEFINITION Sequence 4321 from Patent WO03025176.
ACCESSION AX726634
VERSION AX726634.1 GI:30505977
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4321 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 GAGCAAGTTGACTTCT 805
1 GATCAAGTTGACCTCT 17

RESULT 855
AX726681 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726681
DEFINITION Sequence 4368 from Patent WO03025176.
ACCESSION AX726681
VERSION AX726681.1 GI:30506024
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4368 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 3 a 4 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 TCAGCAGATCCACTC 768
17 TCAGCAGGCTCCAGATC 1

RESULT 856
AX727031 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX727031
DEFINITION Sequence 4718 from Patent WO03025176.
ACCESSION AX727031
VERSION AX727031.1 GI:30506374
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4718 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1226 TGAACGACGAGC 1242
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Db 17 TGACCTTCAGCTGATC 1

RESULT 857

AX727868

LOCUS AX727868 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5555 from Patent WO03025176.

ACCESSION AX727868

VERSION AX727868.1 GI:30507211

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 5555 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Mus musculus"

/mol_type="genomic DNA"

/db_xref="taxon:10090"

BASE COUNT 6 a 4 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 GATCCATGAGCTATG 927

Db 1 GATCCATCAACTTATG 17

RESULT 858

AX728412/c

LOCUS AX728412 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 46 from Patent WO03025175.

ACCESSION AX728412

VERSION AX728412.1 GI:30507755

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 46 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 7 a 4 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CGGATTAATTTGCTGAGC 700

Db 17 CTGAATATTTCCTATC 1

RESULT 859

AX729229

LOCUS AX729229 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 863 from Patent WO03025175.

ACCESSION AX729229

VERSION AX729229.1 GI:30508572

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 863 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCCTTCT 259

Db 1 GATCCAGAGCCCTTCT 17

RESULT 860

AX729357/c

LOCUS AX729357 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 991 from Patent WO03025175.

ACCESSION AX729357

VERSION AX729357.1 GI:30508700

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 991 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 1 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGGAAGAGATC 246

Db 17 AGAAGTGGAAGAGATC 1

RESULT 861

AX729396/c

LOCUS AX729396 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 1030 from Patent WO03025175.

ACCESSION AX729396

VERSION AX729396.1 GI:30508739

KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1030 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 4 c 3 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1226 TGAACCTGAGCTGAGC 1242
Db 17 TGAACCTGAGCTGATC 1
RESULT 862
AX729507 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 1141 from Patent WO03025175.
DEFINITION AX729507
ACCESSION AX729507.1 GI:30508850
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1141 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 6 c 2 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 243 GATCCCTATCCCTTCT 259
Db 1 GATCACTTCCCGTTCT 17
RESULT 863
AX729587 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 1221 from Patent WO03025175.
DEFINITION AX729587
ACCESSION AX729587.1 GI:30508930
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1567 27-MAR-2003;

AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1221 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 2 c 6 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 507 GATGATGAGAAATPAC 523
Db 1 GATCAAGAGATGAGC 17
RESULT 864
AX729647 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 1281 from Patent WO03025175.
DEFINITION AX729647
ACCESSION AX729647.1 GI:30508990
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1281 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 5 c 5 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 759 GATCAGCTCGTGACA 775
Db 1 GATCAGCTCGTGACA 17
RESULT 865
AX729933 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 1567 from Patent WO03025175.
DEFINITION AX729933
ACCESSION AX729933.1 GI:30509276
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1567 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 603 GATCATGTGGGCTTAC 619
 1 GATCATGTGGTCTTAC 17

RESULT 866
 AX730367/c 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2001 from Patent WO03025175.
 DEFINITION AX730367
 ACCESSION AX730367
 VERSION AX730367.1 GI:30509710
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 2001 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 7 c 1 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGAGAGATC 246
 17 ATGAGAGAGAGATC 1

RESULT 867
 AX730635 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2269 from Patent WO03025175.
 DEFINITION AX730635
 ACCESSION AX730635
 VERSION AX730635.1 GI:30509778
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 2001 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

BASE COUNT 1 a 8 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 1025 GCTTCTGCGGCTG 1041
 1 GATCTGCCCCCTGCTG 17

RESULT 868
 AX732067 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3701 from Patent WO03025175.
 DEFINITION AX732067
 ACCESSION AX732067
 VERSION AX732067.1 GI:30511410
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 3701 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 3 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 TGAAGCTCATGATACC 549
 17 TGAAGCTCATGATACC 1

RESULT 869
 AX732178 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3812 from Patent WO03025175.
 DEFINITION AX732178
 ACCESSION AX732178
 VERSION AX732178.1 GI:30511521
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 3812 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

BASE COUNT 5 a 2 c 5 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1571 GCTGTGCTGCAGAA 1587
DB 1 GATCTGTGCTGTGAAA 17

RESULT 870
AX732217
LOCUS AX732217 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3851 from Patent WO03025175.
ACCESSION AX732217
VERSION AX732217.1 GI:30511560
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 3851 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 3 c 6 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1308 GCTTGTGTTGACAGA 1324
DB 1 GATCTGCTTTCAGAGA 17

RESULT 871
AX732580
LOCUS AX732580 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4214 from Patent WO03025175.
ACCESSION AX732580
VERSION AX732580.1 GI:30511923
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4214 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1296 GGTCTGCGCTGCTCT 1312
DB 1 GATCTGCGCTGCTGACT 17

RESULT 872
AX733051
LOCUS AX733051 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4685 from Patent WO03025175.
ACCESSION AX733051
VERSION AX733051.1 GI:30512394
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 4685 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCTTCT 259
DB 1 GATCCAGGCCCTTCT 17

RESULT 873
AX733872/C
LOCUS AX733872 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5506 from Patent WO03025175.
ACCESSION AX733872
VERSION AX733872.1 GI:30513215
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS 1
TITLE Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5506 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1226 TGAACCTGACGTGAGC 1242
DB 17 TGAACCTTACGTATC 1

RESULT 874
AX734007/C
LOCUS AX734007 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5641 from Patent WO03025175.
ACCESSION AX734007
VERSION AX734007.1 GI:30513350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5641 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 2 c 3 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 815 ATCAGTGCACATGATC 831
DB 17 ATCTTGAAACATGATC 1
RESULT 875
LOCUS AX734164 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5798 from Patent WO03025175.
ACCESSION AX734164
VERSION AX734164.1 GI:30513507
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5798 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 3 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1296 GGTCTGCGCTGCTCT 1312
DB 1 GATCCTGCGCTGCTCT 17
RESULT 876
LOCUS AX734618 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 208 from Patent WO03025177.
ACCESSION AX734618
VERSION AX734618.1 GI:30513895
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 208 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 4 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1464 GAGCCAGAGAAATGCT 1480
DB 1 GATCCTGAGAAATGCT 17
RESULT 877
LOCUS AX734652/C 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 242 from Patent WO03025177.
ACCESSION AX734652
VERSION AX734652.1 GI:30513929
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 242 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 8 a 3 c 2 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 686 GATTATTGCTGAGCTC 702
DB 17 GATTATTGCTGAGCTC 1
RESULT 878
LOCUS AX734801 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 391 from Patent WO03025177.
ACCESSION AX734801
VERSION AX734801.1 GI:30514078
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.

TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments									
JOURNAL	Patent: WO 03025177-A 391 27-MAR-2003;									
FEATURES	Molecular Engines Laboratories (FR)									
source	Location/Qualifiers									
	1..17									
	/organism="Homo sapiens"									
	/mol_type="genomic DNA"									
	/db_xref="taxon:9606"									
BASE COUNT	7 a 2 c 6 g 2 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Cy	507 GATGATGGAGAAATGAGC 523									
Db	1 GATCAGAGAGAAATGAGC 17									
RESULT 879										
LOCUS	AXJ734955 17 bp DNA linear PAT 08-MAY-2003									
DEFINITION	Sequence 545 from Patent WO03025177.									
ACCESSION	AXJ734955									
VERSION	AXJ734955.1 GI:30514232									
KEYWORDS										
SOURCE	Homo sapiens (human)									
ORGANISM	Homo sapiens									
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.									
AUTHORS	1									
TITLE	Teلمان, A., Amson, R. and Tuijinder, M.									
JOURNAL	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments									
FEATURES	Patent: WO 03025177-A 545 27-MAR-2003;									
source	Molecular Engines Laboratories (FR)									
	Location/Qualifiers									
	1..17									
	/organism="Homo sapiens"									
	/mol_type="genomic DNA"									
	/db_xref="taxon:9606"									
BASE COUNT	6 a 5 c 2 g 4 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Cy	699 GCTCAACACTCCGACT 715									
Db	1 GATCAACACTGCTACT 17									
RESULT 880										
LOCUS	AXJ735496 17 bp DNA linear PAT 08-MAY-2003									
DEFINITION	Sequence 1086 from Patent WO03025177.									
ACCESSION	AXJ735496									
VERSION	AXJ735496.1 GI:30514773									
KEYWORDS										
SOURCE	Homo sapiens (human)									
ORGANISM	Homo sapiens									
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.									
AUTHORS	1									
TITLE	Teلمان, A., Amson, R. and Tuijinder, M.									
JOURNAL	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments									
REFERENCE	Patent: WO 03025177-A 1086 27-MAR-2003;									
JOURNAL	Molecular Engines Laboratories (FR)									

[illegible]

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BASE COUNT      6 a      5 c      3 g      3 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      911 GATTCATGAAGCTAATG 927
      |||||
      1 GATTCATGAAGCCACTG 17

RESULT 883
AX736710/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      Sequence 2300 from Patent WO03025177.
DEFINITION      AX736710
ACCESSION      AX736710.1 GI:30515998
VERSION
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
      Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS      1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
      reversion, apoptosis and/or resistance to viruses and the use
      thereof as medicaments
JOURNAL      Patent: WO 03025177-A 2300 27-MAR-2003;
      Molecular Engines Laboratories (FR)
FEATURES
      source      location/Qualifiers

BASE COUNT      4 a      3 c      2 g      8 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      230 ACATGTGAAGAGATC 246
      |||||
      17 ACATATTGAAGAGATC 1

RESULT 884
AX736712/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      Sequence 2302 from Patent WO03025177.
DEFINITION      AX736712
ACCESSION      AX736712.1 GI:30516000
VERSION
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
      Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS      1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
      reversion, apoptosis and/or resistance to viruses and the use
      thereof as medicaments
JOURNAL      Patent: WO 03025177-A 2302 27-MAR-2003;
      Molecular Engines Laboratories (FR)
FEATURES
      source      location/Qualifiers

BASE COUNT      3 a      2 c      3 g      9 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      815 ATCAGTGCACATGATC 831
      |||||
      17 ATCGAAGAAACATGATC 1

RESULT 885
AX738253/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      Sequence 3843 from Patent WO03025177.
DEFINITION      AX738253
ACCESSION      AX738253
VERSION      AX738253.1 GI:30517541
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
      Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS      1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
      reversion, apoptosis and/or resistance to viruses and the use
      thereof as medicaments
JOURNAL      Patent: WO 03025177-A 3843 27-MAR-2003;
      Molecular Engines Laboratories (FR)
FEATURES
      source      location/Qualifiers

BASE COUNT      5 a      4 c      3 g      5 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      746 AGAACATCAGCAGATC 762
      |||||
      17 AGTTCACTGATGATC 1

RESULT 886
AX738508/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      Sequence 4098 from Patent WO03025177.
DEFINITION      AX738508
ACCESSION      AX738508
VERSION      AX738508.1 GI:30517796
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
      Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS      1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
      reversion, apoptosis and/or resistance to viruses and the use
      thereof as medicaments
JOURNAL      Patent: WO 03025177-A 4098 27-MAR-2003;
      Molecular Engines Laboratories (FR)
FEATURES
      source      location/Qualifiers

BASE COUNT      5 a      4 c      5 g      3 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1445 CTGTATCTGCCAATC 1461
      |||||
      17 CTGGCATCTGTCAATC 1

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RESULT 887
AX738532
LOCUS AX738532
DEFINITION Sequence 4122 from Patent WO03025177.
ACCESSION AX738532
VERSION AX738532.1 GI:30517820
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4122 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
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BASE COUNT 5 a 4 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 828 GATCAATGGAAGCTTCTG 844
DB 1 GATCCAGAGAACTTCTG 17

RESULT 888
AX738813/C
LOCUS AX738813
DEFINITION Sequence 4403 from Patent WO03025177.
ACCESSION AX738813
VERSION AX738813.1 GI:30518103
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4403 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 5 c 1 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1495 AGTAGTAAAGGCGCTC 1511
DB 17 AGTGTAAATGAGATC 1

RESULT 889
AX739076
LOCUS AX739076
DEFINITION Sequence 4666 from Patent WO03025177.

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ACCESSION AX739076
VERSION AX739076.1 GI:30518373
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4666 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 5 c 5 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 759 GATCCACCTCGTGGAACA 775
DB 1 GATCCACCTCGTGGAACA 17

RESULT 890
AX739222
LOCUS AX739222
DEFINITION Sequence 4812 from Patent WO03025177.
ACCESSION AX739222
VERSION AX739222.1 GI:30518519
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4812 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1..17
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/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 3 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1215 GAAGTGTCTGTGGAAC 1231
DB 1 GATGTGCTCTGTGGAAC 17

RESULT 891
AX739253
LOCUS AX739253
DEFINITION Sequence 4843 from Patent WO03025177.
ACCESSION AX739253
VERSION AX739253.1 GI:30518550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1
REFERENCE
AUTHORS
TITLE
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 4843 27-MAR-2003;
JOURNAL
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
6 a 3 c 4 g 4 t
Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1226 TGAACCTGCGAGCTGAGC 1242
|||||
Db 17 TCATCTTCAGCTGATC 1
RESULT 892
AX739284 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION
Sequence 4874 from Patent WO03025177.
ACCESSION
AX739284
VERSION
AX739284.1 GI:30518581
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1
REFERENCE
AUTHORS
TITLE
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 4874 27-MAR-2003;
JOURNAL
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
3 a 5 c 4 g 5 t
Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1061 TCAGCACTGCGAGTTC 1077
|||||
Db 17 TCAGCACTGCGAGTTC 1
RESULT 893
AX739486 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION
Sequence 5076 from Patent WO03025177.
ACCESSION
AX739486
VERSION
AX739486.1 GI:30518783
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1
REFERENCE
AUTHORS
TITLE
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour

reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 5076 27-MAR-2003;
JOURNAL
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
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/db_xref="taxon:9606"
BASE COUNT
2 a 4 c 3 g 8 t
Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 823 AACATGATCATGAGAC 839
|||||
Db 17 AACATGATCATGAGATC 1
RESULT 894
AX739634 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION
Sequence 5224 from Patent WO03025177.
ACCESSION
AX739634
VERSION
AX739634.1 GI:30518931
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1
REFERENCE
AUTHORS
TITLE
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 5224 27-MAR-2003;
JOURNAL
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT
4 a 6 c 4 g 3 t
Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 663 GTTCCCTTCAAGACA 679
|||||
Db 1 GTTCCCTTCAAGACA 17
RESULT 895
AX739676 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION
Sequence 5266 from Patent WO03025177.
ACCESSION
AX739676
VERSION
AX739676.1 GI:30518973
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1
REFERENCE
AUTHORS
TITLE
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 5266 27-MAR-2003;
JOURNAL
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

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source
1. .17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      6 c      2 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      243 GATCCTATGCCCTTCT 259
      |||||
      1 GATCCTATGCTCATCT 17

RESULT 896
AX739732/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      AX739732
DEFINITION      Sequence 5322 from Patent WO03025177.
ACCESSION      AX739732
VERSION      AX739732.1 GI:30519029
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1      Telerman, A., Amson, R. and Thijlder, M.
AUTHORS      Sequences involved in phenomena of tumour suppression, tumour
TITLE      reversal, apoptosis and/or resistance to viruses and the use
JOURNAL      thereof as medicaments
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      4 a      3 c      4 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      815 ATCAGTGCACATGATC 831
      |||||
      17 AGCATGCTCATGATC 1

Db

RESULT 897
AX744178      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744178
DEFINITION      Sequence 143 from Patent WO03031621.
ACCESSION      AX744178
VERSION      AX744178.1 GI:30722845
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1      Zhang, J.
AUTHORS      A human G protein coupled receptor
TITLE      Patent: WO 03031621-A 143 17-APR-2003;
JOURNAL      Amerisham Biosciences (SV) Corp. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      2 a      4 c      7 g      4 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1412 TCCTGGCGCTGGCTGC 1428
      |||||
      1 TCCTGGGAATGGCTGC 17

Db

RESULT 898
AX744275      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744275
DEFINITION      Sequence 240 from Patent WO03031621.
ACCESSION      AX744275
VERSION      AX744275.1 GI:30722942
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1      Zhang, J.
AUTHORS      A human G protein coupled receptor
TITLE      Patent: WO 03031621-A 240 17-APR-2003;
JOURNAL      Amerisham Biosciences (SV) Corp. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      5 a      5 c      4 g      3 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1163 AGGAGCACATCCTTG 1179
      |||||
      1 AGGAGCCACATCTATG 17

Db

RESULT 899
AX744461/c      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744461
DEFINITION      Sequence 426 from Patent WO03031621.
ACCESSION      AX744461
VERSION      AX744461.1 GI:30723128
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1      Zhang, J.
AUTHORS      A human G protein coupled receptor
TITLE      Patent: WO 03031621-A 426 17-APR-2003;
JOURNAL      Amerisham Biosciences (SV) Corp. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      2 a      4 c      5 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      358 TCAGGCGCAAAAGCA 374
      |||||
      17 TCAGGCGCACTAAGCA 1

Db

RESULT 900
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AX745307/c
LOCUS AX745307 17 bp DNA linear PAT 14-MAY-2003
DEFINITION Sequence 1272 from Patent WO03031621.
ACCESSION AX745307
VERSION AX745307.1 GI:30723974
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang, J.
AUTHORS A human G protein coupled receptor
TITLE Patent: WO 03031621-A 1272 17-APR-2003;
JOURNAL Amersham Biosciences (SV) Corp. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 4 c 6 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 181 CAGCAGTCTCTTACGAA 197
DB 17 CACCAAGTCTCTTACGAA 1
RESULT 901
AX745314/c 17 bp DNA linear PAT 14-MAY-2003
LOCUS AX745314
DEFINITION Sequence 1279 from Patent WO03031621.
ACCESSION AX745314
VERSION AX745314.1 GI:30723981
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang, J.
AUTHORS A human G protein coupled receptor
TITLE Patent: WO 03031621-A 1279 17-APR-2003;
JOURNAL Amersham Biosciences (SV) Corp. (US)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 2 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 174 CATCAAGCAGCAGTCC 190
DB 17 CATTAACCAACCAAGTCC 1
RESULT 902
BD013474/c 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD013474
DEFINITION Diagnosis kit of tubercle bacillus.
ACCESSION BD013474
VERSION BD013474.1 GI:2253788
KEYWORDS
SOURCE JP 2001103981-A/38.
ORGANISM Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;

Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
1 (bases 1 to 17)
REFERENCE
Suzuki, S., Nishida, M. and Takenishi, S.
AUTHORS Diagnosis kit of tubercle bacillus
TITLE Patent: JP 2001103981-A 38 17-APR-2001;
JOURNAL NISHINO IND INC. SYSTEM RESEARCH CO LTD
COMMENT OS Mycobacterium tuberculosis
PN JP 2001103981-A/38
PD 17-APR-2001
PI 26-JUL-2000 JP 2000225985
PI SADAHKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAKENISHI PC
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, C12R1/32, PC
(C12Q1/68, C12R1:325), (C12Q1/68, C12R1:33), C12N15/00, C12N15/00 CC
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FH Key
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/organism="Mycobacterium tuberculosis"
BASE COUNT 3 a 3 c 9 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 961 ACCTATCGCTTCGTGAC 977
DB 17 ACCTATCGCTTCGTGAC 1
RESULT 903
BD066905/c 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD066905
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066905
VERSION BD066905.1 GI:22612508
KEYWORDS
SOURCE JP 2001511000-A/1540.
ORGANISM unclassified.
REFERENCE
1 (bases 1 to 17)
Schlengers, K.H. and Brysch, W.
AUTHORS An antisense oligonucleotide preparation method
TITLE Patent: JP 2001511000-A 1540 07-AUG-2001;
JOURNAL BIOLOGISCHES INSTITUT FÜR MOLEKULARE DIAGNOSTIK MBH
COMMENT OS Unknown
PN JP 2001511000-A/1540
PD 07-AUG-2001
PI 30-JAN-1998 JP 1998532533
PI 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGERSIEPEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FT source location/Qualifiers
1..17
/organism="Unknown".
FEATURES
SOURCE location/Qualifiers
1..17
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 3 a 0 c 9 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 700 CTCACCACTCGGACTC 716

RESULT 907
BD067746 17 bp RNA linear PAT 27-AUG-2002
LOCUS Enzymatic nucleic acid treatment of diseases or conditions related
DEFINITION to levels of epidermal growth factor receptors.
ACCESSION BD067746
VERSION BD067746.1 GI:22613349
KEYWORDS JP 2001511003-A/586.
SOURCE unclassified
ORGANISM unclassified

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and Mcswigen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
JOURNAL to levels of epidermal growth factor receptors
PATENT: JP 2001511003-A 586 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNITV
COMMENT OS Unidentified
PN JP 2001511003-A/586
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
C12N9/00,C07K14/71
SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGEN PC

FEATURES
source location/Qualifiers
1.17
/organism='Unidentified'.
/molecule='genomic RNA'
/db_xref='taxon:32644'

BASE COUNT 3 a 5 g 6 c

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 647 AGTACTTCCAGCATG 663
DB 1 AGTGTTTCCAGCATG 17

RESULT 908
BD067753 17 bp RNA linear PAT 27-AUG-2002
LOCUS Enzymatic nucleic acid treatment of diseases or conditions related
DEFINITION to levels of epidermal growth factor receptors.
ACCESSION BD067753
VERSION BD067753.1 GI:22613356
KEYWORDS JP 2001511003-A/593.
SOURCE unclassified
ORGANISM unclassified

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and Mcswigen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
JOURNAL to levels of epidermal growth factor receptors
PATENT: JP 2001511003-A 593 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNITV
COMMENT OS Unidentified
PN JP 2001511003-A/593
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
C12N9/00,C07K14/71
SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGEN PC

CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
CC related to
CC levels of epidermal growth factor receptors
FH Key location/Qualifiers
FT source 1.17
/organism='Unidentified'.
location/Qualifiers

FEATURES
source location/Qualifiers
1.17
/organism='Unidentified'.
/molecule='genomic RNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 4 c 2 g 10 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1087 TTGTTCTCTCCCATCC 1103
DB 1 TTGTTCTCTCCATTC 17

RESULT 909
106947 17 bp DNA linear PAT 02-DEC-1994
LOCUS Sequence 6 from Patent BP 0314161.
DEFINITION 106947
ACCESSION 106947
VERSION 106947.1 GI:590401
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
AUTHORS Harris,L.O., Lipsitch,L.A. and Walls,M.A.
TITLE Human immunoglobulins produced by recombinant DNA techniques
JOURNAL Patent: BP 0314161-A1 6 03-MAY-1989;
FEATURES location/Qualifiers
source 1.17
/organism='Unknown'

BASE COUNT 5 a 4 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 641 TCAACAGTACTTCCA 657
DB 1 TCAATAGGAGACTTCCA 17

RESULT 910
130738 17 bp DNA linear PAT 06-FEB-1997
LOCUS Sequence 176 from patent US 5580971.
DEFINITION 130738
ACCESSION 130738
VERSION 130738.1 GI:1821529
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
AUTHORS Mitsuhashi,M.
TITLE Fungal detection system based on rRNA probes
JOURNAL Patent: US 5580971-A 176 03-DEC-1996;
FEATURES location/Qualifiers
source 1.17
/organism='Unknown'

BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCCATG 1215
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 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 911
 LOCUS 130755 17 bp DNA linear PAT 06-FEB-1997
 DEFINITION Sequence 193 from patent US 5580971.
 ACCESSION 130755
 VERSION 130755.1 GI:1821546
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Mitsuhashi, M.
 TITLE Fungal detection system based on rRNA probes
 JOURNAL Patent: US 5580971-A 193 03-DEC-1996;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 912
 LOCUS 137512 17 bp DNA linear PAT 13-MAY-1997
 DEFINITION Sequence 525 from patent US 5612215.
 ACCESSION 137512
 VERSION 137512.1 GI:2085472
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Draper, K.G., Pavco, P., McSwiggen, J., Gustafson, J. and
 Stinchcomb, D.T.
 TITLE Stromelysin targeted ribozymes
 JOURNAL Patent: US 5612215-A 525 18-MAR-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 AGATCCTGAGGCGCAG 315
 |||||
 Db 17 AGATCCTGAGGCGCAG 1

RESULT 913
 LOCUS 146197 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 176 from patent US 5639612.
 ACCESSION 146197
 VERSION 146197.1 GI:2470162
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Mitsuhashi, M. and Cooper, A.
 TITLE Method for detecting polynucleotides with immobilized
 JOURNAL polynucleotide probes identified based on T. sub.m
 Patent: US 5639612-A 176 17-JUN-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 914
 LOCUS 146214 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 193 from patent US 5639612.
 ACCESSION 146214
 VERSION 146214.1 GI:2470179
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Mitsuhashi, M. and Cooper, A.
 TITLE Method for detecting polynucleotides with immobilized
 JOURNAL polynucleotide probes identified based on T. sub.m
 Patent: US 5639612-A 193 17-JUN-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 915
 LOCUS 153652 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1393 from patent US 5646042.
 ACCESSION 153652
 VERSION 153652.1 GI:2474855
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
 TITLE C-myc targeted ribozymes
 JOURNAL Patent: US 5646042-A 1393 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 8 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 652 TTTCAGGCGATGTCC 668

Db 1 TCTCCAGTCACGTTCCC 17

RESULT 916

LOCUS 153676 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1417 from patent US 5646042.
 ACCESSION 153676
 VERSION 153676.1 GI:2474879
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1417 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 GGCTGACGACGTTGAC 801
 Db 17 GGCTGACGACGTTGAC 1

RESULT 917

LOCUS 153842 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1583 from patent US 5646042.
 ACCESSION 153842
 VERSION 153842.1 GI:2475045
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1583 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTTGAGCTCA 541
 Db 1 CATGACCTTGAGCTCA 17

RESULT 918

LOCUS 153946 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1687 from patent US 5646042.
 ACCESSION 153946
 VERSION 153946.1 GI:2475149
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes

JOURNAL Patent: US 5646042-A 1687 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 6 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CTTGCTTGGGTCGG 502
 Db 17 CTTGCTTGGGTCGG 1

RESULT 919

LOCUS 154238 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1979 from patent US 5646042.
 ACCESSION 154238
 VERSION 154238.1 GI:2475441
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1979 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGTCATGTGGGCTA 617
 Db 1 GAGTCATGTGGGCTA 17

RESULT 920

LOCUS 194362 17 bp DNA linear PAT 01-DEC-1998
 DEFINITION Sequence 525 from patent US 5731295.
 ACCESSION 194362
 VERSION 194362.1 GI:3938832
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Draper,K.G., Pavco,P., McSwigen,J., Gustofson,J. and Stinchcomb,D.T.
 TITLE Method of reducing streptolysin RNA via ribozymes
 JOURNAL Patent: US 5731295-A 525 24-MAR-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 AGATCTGAAGGCGAG 315
 Db 17 AGATCTGAAGGCGAG 1

RESULT 921

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ARI89007/c
LOCUS ARI89007 18 bp DNA
DEFINITION Sequence 4495 from patent US 6346398.
ACCESSION ARI89007
VERSION ARI89007.1 GI:20234972
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 18)
  Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
  Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
  Patent: US 6346398-A 4495 12-FEB-2002;
  Location/Qualifiers
  source 1..18
    /organism="Unknown"

BASE COUNT      8 a      6 c      2 g      2 t

Query Match      0.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTTGACTCTCGCATT 811
Db 17 GGTTGCACTCTCGCATT 1

RESULT 922
LOCUS AX688735/c 17 bp DNA
DEFINITION Sequence 1467 from Patent EPI281758.
ACCESSION AX688735
VERSION AX688735.1 GI:29411439
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1 Shannon, M., Gu, Y. and Nguyen, C. T.
  Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
  mdz12
  Patent: EP 1281758-A 1467 05-FEB-2003;
  Location/Qualifiers
  source 1..17
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

BASE COUNT      3 a      7 c      5 g      2 t

Query Match      0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1064 GCACCTGCAGGT 1075
Db 13 GCACCTGCAGGT 2

RESULT 923
LOCUS AX736671/c 17 bp DNA
DEFINITION Sequence 2261 from Patent W003025177.
ACCESSION AX736671
VERSION AX736671.1 GI:30515959
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
  Location/Qualifiers
  source 1..17

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AUTHORS Telemann, A., Anson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
JOURNAL Patent: WO 03025177-A 2261 27-MAR-2003;
  Molecular Engines Laboratories (FR)
  Location/Qualifiers
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    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

BASE COUNT      4 a      4 c      5 g      4 t

Query Match      0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1523 AGGCATTGAG 1534
Db 15 AGGCATTGAG 4

RESULT 924
LOCUS AX688730/c 17 bp DNA
DEFINITION Sequence 1462 from Patent EPI281758.
ACCESSION AX688730
VERSION AX688730.1 GI:29411434
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1 Shannon, M., Gu, Y. and Nguyen, C. T.
  Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
  mdz12
  Patent: EP 1281758-A 1462 05-FEB-2003;
  Location/Qualifiers
  source 1..17
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

BASE COUNT      3 a      5 c      7 g      2 t

Query Match      0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1065 CACCTGCAGGTTCAG 1079
Db 17 CACCTGCAGGTTCAGT 3

RESULT 925
LOCUS AX532585 17 bp DNA
DEFINITION Sequence 2094 from Patent EP1239051.
ACCESSION AX532585
VERSION AX532585.1 GI:25256932
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
  Shannon, M.
  Human posh-1-like protein 1
  Patent: EP 1239051-A 2094 11-SEP-2002;
  Inc. (US)
  Location/Qualifiers
  source 1..17

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BASE COUNT 5 a 7 c 3 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 CATCTGCCAAATCCG 1463
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3 CCTCTGCCAAATCCG 17

RESULT 926
LOCUS AX532586 17 bp DNA PAT 22-NOV-2002
DEFINITION Sequence 2095 from Patent EP1239051.
ACCESSION AX532586
VERSION AX532586.1 GI:25256934
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2095 11-SEP-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 CATCTGCCAAATCCG 1463
| | | | | | | | | | | | | | | | | | | | | |
2 CCTCTGCCAAATCCG 16

RESULT 927
LOCUS A67068 17 bp DNA PAT 29-MAR-1999
DEFINITION Sequence 235 from Patent WO9740193.
ACCESSION A67068
VERSION A67068.1 GI:4538439
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE METHOD FOR TYING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 235 30-OCT-1997;
INNOGENETICS NV (BE)
FEATURES
source 1..17
location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 2 a 5 c 4 g 6 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1378 ATGCCCAAGTGATG 1392

BASE COUNT 16 a 6 c 6 g 1 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 AGCAGATGCACCTC 768
| | | | | | | | | | | | | | | | | | | | | |
3 AGCAGATGCACCCC 17

RESULT 928
LOCUS AX498979 17 bp DNA PAT 27-SEP-2002
DEFINITION Sequence 286 from Patent EP1229046.
ACCESSION AX498979
VERSION AX498979.1 GI:23381272
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 286 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 6 g 1 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 AGCAGATGCACCTC 768
| | | | | | | | | | | | | | | | | | | | | |
3 AGCAGATGCACCCC 17

RESULT 929
LOCUS AX498981 17 bp DNA PAT 27-SEP-2002
DEFINITION Sequence 288 from Patent EP1229046.
ACCESSION AX498981
VERSION AX498981.1 GI:23381274
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 288 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 AGCAGATGCACCTC 768
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1 AGCAGATGCACCCC 15

RESULT 930
LOCUS AX690464 17 bp DNA PAT 31-MAR-2003
DEFINITION Sequence 3196 from Patent EP1281158.
ACCESSION AX690464

VERSION AX690464.1 GI:29413345
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 3196 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 3 c 6 g 3 t
Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1163 AGGAGCAGACTGCT 1177
|||||
Db 2 AGGAGCAGACTGCT 16
RESULT 931
AR067361/c 18 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR067361
DEFINITION Sequence 709 from patent US 5851760.
ACCESSION AR067361
VERSION AR067361.1 GI:5998583
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Evans, G.A. and Smith, M.W.
TITLE Method for generation of sequence sampled maps of complex genomes
JOURNAL Patent: US 5851760-A 709 22-DEC-1998;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 0 a 8 c 3 g 7 t
Query Match 0.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 746 AGACATCAGCAGGA 760
|||||
Db 16 AGACATCAGCAGGA 2
RESULT 932
AR092048 31 bp DNA 11linear PAT 08-SEP-2000
LOCUS AR092048
DEFINITION Sequence 72 from patent US 5998141.
ACCESSION AR092048
VERSION AR092048.1 GI:10018802
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 72 07-DEC-1999;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"

BASE COUNT 7 a 6 c 12 g 6 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
|||||
Db 11 GGTCGGCGGTGATGAG 28
RESULT 933
AR092050 31 bp DNA 11linear PAT 08-SEP-2000
LOCUS AR092050/c
DEFINITION Sequence 74 from patent US 5998141.
ACCESSION AR092050
VERSION AR092050.1 GI:10018804
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 74 07-DEC-1999;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
|||||
Db 21 GGTCGGCGGTGATGAG 4
RESULT 934
AR112183 31 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR112183
DEFINITION Sequence 72 from patent US 6130041.
ACCESSION AR112183
VERSION AR112183.1 GI:14092083
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 72 10-OCT-2000;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 7 a 6 c 12 g 6 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
|||||
Db 11 GGTCGGCGGTGATGAG 28
RESULT 935
AR112185 31 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR112185/c
DEFINITION Sequence 74 from patent US 6130041.
ACCESSION AR112185

VERSION AR112185.1 GI:14092085
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 74 10-OCT-2000;
LOCUS 1. .31
LOCATION/Qualifiers
BASE COUNT 6 a 12 c 6 g 7 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGGCGCGGTGATGATG 513
DB 21 GGGTGGCGGTGATGAG 4

RESULT 936
ARI49225
LOCUS ARI49225 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 72 from patent US 6228581.
ACCESSION ARI49225
VERSION ARI49225.1 GI:15113816
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 72 08-MAY-2001;
LOCUS 1. .31
LOCATION/Qualifiers
BASE COUNT 7 a 6 c 12 g 6 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGGCGCGGTGATGATG 513
DB 11 GGGTGGCGGTGATGAG 28

RESULT 937
ARI49227/c
LOCUS ARI49227 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 74 from patent US 6228581.
ACCESSION ARI49227
VERSION ARI49227.1 GI:15113818
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 74 08-MAY-2001;
LOCUS 1. .31
LOCATION/Qualifiers
BASE COUNT 6 a 12 c 6 g 7 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGGCGCGGTGATGATG 513
DB 21 GGGTGGCGGTGATGAG 4

RESULT 938
ARI12204/c
LOCUS ARI12204 34 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 93 from patent US 6130041.
ACCESSION ARI12204
VERSION ARI12204.1 GI:14092104
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 34)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 93 10-OCT-2000;
LOCUS 1. .34
LOCATION/Qualifiers
BASE COUNT 4 a 15 c 3 g 12 t

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 498 TGCGGCGGTGATGATGAGATPAGC 523
DB 30 TGAGGAAGTGAGATGAGAGAGAAC 5

RESULT 939
ARI49246/c
LOCUS ARI49246 34 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 93 from patent US 6228581.
ACCESSION ARI49246
VERSION ARI49246.1 GI:15113837
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 34)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 93 08-MAY-2001;
LOCUS 1. .34
LOCATION/Qualifiers
BASE COUNT 4 a 15 c 3 g 12 t

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 498 TGCGGCGGTGATGATGAGATPAGC 523
DB 30 TGAGGAAGTGAGATGAGAGAGAAC 5

RESULT 940
ARI42908
LOCUS ARI42908 22 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 4 from patent US 6204024.
ACCESSION ARI42908
VERSION ARI42908.1 GI:15104194

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Romano, J.W. and Lee, E.M.
TITLE CCRS RNA transcription based amplification assay
JOURNAL Patent: US 6204024-A 4 20-MAR-2001;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
BASE COUNT 6 a 9 c 7 g 0 t

Query Match 0.8%; Score 11.4; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 9, 1e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1063 AGCAGCTGAGGTTGAGTCC 1083
Db 1 AGCAGCGGAGGAGCCAGCC 21

RESULT 941
LOCUS AR092044 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 68 from patent US 5998141.
ACCESSION AR092044
VERSION AR092044.1 GI:10018798
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronc and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 68 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 3 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 31

RESULT 942
LOCUS AR092046/c 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 70 from patent US 5998141.
ACCESSION AR092046
VERSION AR092046.1 GI:10018800
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronc and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 70 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 29 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 1

RESULT 943
LOCUS AR112179 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 68 from patent US 6130041.
ACCESSION AR112179
VERSION AR112179.1 GI:14092079
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 68 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 3 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 31

RESULT 944
LOCUS AR112181 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 70 from patent US 6130041.
ACCESSION AR112181
VERSION AR112181.1 GI:14092081
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 70 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 29 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 1

RESULT 945
LOCUS AR149221 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 68 from patent US 6228581.
ACCESSION AR149221
VERSION AR149221.1 GI:15113812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronc and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228581-A 68 08-AUG-2001;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLES Human intronic and polymorphic SR-BI nucleic acids and uses
        therefor
JOURNAL Patent: US 6228581-A 68 08-MAY-2001;
FEATURES Location/Qualifiers
        source 1..31
                /organism="unknown"
BASE COUNT      8 a      6 c      12 g      5 t

Query Match      0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      480 CAACATCTGCTTGGTGGCGCGGTGA 508
Db      3 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 31

RESULT 946
LOCUS      AR149223/c      31 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION Sequence 70 from patent US 6228581.
ACCESSION  AR149223
VERSION     AR149223.1 GI:15113814
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 31)
AUTHORS     Acton,S.L. and Ordovas,J.M.
TITLES      Human intronic and polymorphic SR-BI nucleic acids and uses
        therefor
JOURNAL     Patent: US 6228581-A 70 08-MAY-2001;
FEATURES     Location/Qualifiers
        source 1..31
                /organism="unknown"
BASE COUNT      5 a      12 c      6 g      8 t

Query Match      0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      480 CAACATCTGCTTGGTGGCGCGGTGA 508
Db      29 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 1

RESULT 947
LOCUS      AX579547      17 bp      mRNA      linear      PAT 10-JAN-2003
DEFINITION Sequence 1385 from Patent WO0211674.
ACCESSION  AX579547
VERSION     AX579547.1 GI:27648749
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
        Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLES      Thompson,J., Mcswigen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
        and Grube,A.
        Method and reagent for the inhibition of calcium activated chloride
        channel-1 (Clca-1)
JOURNAL     Patent: WO 0211674-A 1385 14-FEB-2002;
        RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LIC (US) ;
        Thompson, James (US)
FEATURES     Location/Qualifiers
        source 1..17
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
BASE COUNT      2 a      2 c      5 g      8 t

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Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1301 TGGCGCTGCTTGGTT 1316
Db      2 TGCTGATGTTCTGGTT 17

RESULT 948
LOCUS      AX421784      17 bp      mRNA      linear      PAT 18-JUN-2002
DEFINITION Sequence 120 from Patent WO0188124.
ACCESSION  AX421784
VERSION     AX421784.1 GI:21525166
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
        Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLES      Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
        Randi,A.M.
        Method and reagent for the inhibition of erg
JOURNAL     Patent: WO 0188124-A 120 22-NOV-2001;
        RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES     Location/Qualifiers
        source 1..17
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
BASE COUNT      5 a      8 c      0 g      4 t

Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      373 AACATCACCCTCACA 388
Db      2 AACATCTCTTCACA 17

RESULT 949
LOCUS      AX422401      17 bp      mRNA      linear      PAT 18-JUN-2002
DEFINITION Sequence 737 from Patent WO0188124.
ACCESSION  AX422401
VERSION     AX422401.1 GI:21525783
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
        Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLES      Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
        Randi,A.M.
        Method and reagent for the inhibition of erg
JOURNAL     Patent: WO 0188124-A 737 22-NOV-2001;
        RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES     Location/Qualifiers
        source 1..17
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
BASE COUNT      4 a      8 c      1 g      4 t

Query Match      0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      373 AACATCACCCTCACA 388
Db      1 ||||| ||||| |||||

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Db 1 ACCATCTCTTCCACA 16

RESULT 950
LOCUS AX499159/c 17 bp DNA 11linear PAT 27-SEP-2002
DEFINITION Sequence 466 from Patent EP1229046.
ACCESSION AX499159
VERSION AX499159.1 GI:23381452
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 466 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 9 c 3 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 321 GCAGGTGCGGAGCGC 336
Db 16 GAAGTGGCGGACAGC 1

RESULT 951
LOCUS AX732254 17 bp DNA 11linear PAT 08-MAY-2003
DEFINITION Sequence 3888 from Patent WO03025175.
ACCESSION AX732254
VERSION AX732254.1 GI:30511597
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3888 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 5 c 5 g 1 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 286 ATGAACCCGAGGAGA 301
Db 2 ATCAACACGAGCGGA 17

RESULT 952
LOCUS AX216107/c 17 bp mRNA 11linear PAT 07-SEP-2001
DEFINITION Sequence 1549 from Patent WO0159103.

ACCESSION AX216107 GI:15526150
VERSION AX216107.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1549 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
source 1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 5 a 6 c 4 g 2 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1295 TGTCTCTGCGCGCTGCT 1310
Db 17 TATGTCTGAGCTGCT 2

RESULT 953
LOCUS AX272900/c 17 bp mRNA 11linear PAT 29-OCT-2001
DEFINITION Sequence 469 from Patent WO0162911.
ACCESSION AX272900
VERSION AX272900.1 GI:16545637
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., McSwiggen, J.A., Hamblin, P.A. and
Ellis, J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 469 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 4 g 2 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 GGTCTTGAGTGGCGG 504
Db 16 GGTCAATGGGTGCCAGC 1

RESULT 954
LOCUS AX672104 17 bp DNA 11linear PAT 27-MAR-2003
DEFINITION Sequence 549 from Patent WO03004526.
ACCESSION AX672104
VERSION AX672104.1 GI:29330452
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Euthera; Primates; Catarrhini; Hominiidae; Homo.
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 JOURNAL Patent: WO 03004526-A 549 16-JUN-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCAGCTGCGAGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 955
 LOCUS AX724702/c 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 2389 from Patent WO03025176.
 ACCESSION AX724702
 VERSION AX724702.1 GI:30504045
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 2389 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 3 a 5 c 4 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1373 TGTGATGCCAAGT 1388
 DB 17 TGTGATGCCAAGT 2

RESULT 956
 LOCUS AX727031 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 4718 from Patent WO03025176.
 ACCESSION AX727031
 VERSION AX727031.1 GI:30506374
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as

JOURNAL medicines
 Patent: WO 03025176-A 4718 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCAGCTGCGAGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 957
 LOCUS AX733872 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 5506 from Patent WO03025175.
 ACCESSION AX733872
 VERSION AX733872.1 GI:30513215
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Euthera; Primates; Catarrhini; Hominiidae; Homo.
 REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025175-A 5506 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCAGCTGCGAGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 958
 LOCUS AR013910/c 18 bp DNA linear PAT 05-DEC-1998
 DEFINITION Sequence 112 from patent US 5773218.
 ACCESSION AR013910
 VERSION AR013910.1 GI:3971364
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 Unclassified.
 REFERENCES 1 (bases 1 to 18)
 AUTHORS Gallatin, W. Michael. and Vazquez, R.
 TITLE Method to identify compounds which modulate ICM-related protein
 interactions
 JOURNAL Patent: US 5773218-A 112 30-JUN-1998;
 FEATURES Location/Qualifiers
 1.18
 /organism="unknown"
 BASE COUNT 3 a 1 c 7 g 7 t

QY	496	GGTGGCGCGGTGATGA	511
Db	5	GGGTGGCGCGGTGATGA	20
RESULT 964	AR092049	Sequence 73 from patent US 5998141.	20 bp DNA linear PAT 08-SEP-2000
LOCUS	AR092049/c		
DEFINITION	AR092049		
ACCESSION	AR092049.1	GI:10018803	
VERSION			
KEYWORDS	Unknown.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Acton,S.Laurence.		
TITLE	Intronic and polymorphic SR-BI nucleic acids and uses therefor		
JOURNAL	Patent: US 5998141-A 73 07-DEC-1999;		
FEATURES	Location/Qualifiers		
source	1..20		
BASE COUNT	4 a	8 c	4 g
Query Match	0.8%;	Score 11.2;	DB 1;
Best Local Similarity	81.2%;	Pred. No. 8.3e+02;	Length 20;
Matches	13;	Conservative	0;
		Mismatches	3;
		Indels	0;
		Gaps	0;
QY	496	GGTGGCGCGGTGATGA	511
Db	16	GGGTGGCGCGGTGATGA	1
RESULT 965	AR112182	Sequence 71 from patent US 6130041.	20 bp DNA linear PAT 16-MAY-2001
LOCUS	AR112182		
DEFINITION	AR112182		
ACCESSION	AR112182.1	GI:14092082	
VERSION			
KEYWORDS	Unknown.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Acton,S.Laurence.		
TITLE	Human intronic and polymorphic SR-BI nucleic acids and uses therefor		
JOURNAL	Patent: US 6130041-A 71 10-OCT-2000;		
FEATURES	Location/Qualifiers		
source	1..20		
BASE COUNT	4 a	8 c	4 g
Query Match	0.8%;	Score 11.2;	DB 1;
Best Local Similarity	81.2%;	Pred. No. 8.3e+02;	Length 20;
Matches	13;	Conservative	0;
		Mismatches	3;
		Indels	0;
		Gaps	0;
QY	496	GGTGGCGCGGTGATGA	511
Db	5	GGGTGGCGCGGTGATGA	20
RESULT 966	AR112184/c	Sequence 73 from patent US 6130041.	20 bp DNA linear PAT 16-MAY-2001
LOCUS	AR112184		
DEFINITION	AR112184		
ACCESSION	AR112184.1	GI:14092084	
VERSION			
KEYWORDS	Unknown.		
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		

AUTHORS										Acton, S.Laurence.									
TITLES										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
JOURNAL										Patent: US 6130041-A 73 10-OCT-2000;									
FEATURES										Location/Qualifiers									
source										1..20									
BASE COUNT										4 a 4 b 8 c 4 g 4 t									
Query Match										0.8%; Score 11.2; DB 1; Length 20;									
Best Local Similarity										81.2%; Pred. No. 8.3e+02;									
Matches 13; Conservative										0; Mismatches 3; Indels 0; Gaps 0;									
QY										496 GGTCGGCGGCTGATGA 511									
DB										16 GGTCGGCGGCTGATGA 1									
RESULT 967																			
LOCUS										AR149224 20 bp DNA linear PAT 08-AUG-2001									
DEFINITION										Sequence 71 from patent US 6228581.									
ACCESSION										AR149224									
VERSION										AR149224.1 GI:15113815									
KEYWORDS																			
SOURCE										Unknown.									
ORGANISM										Unknown.									
REFERENCE										Unclassified.									
AUTHORS										1 (bases 1 to 20)									
TITLE										Acton,S.L. and Ordovas,J.M.									
JOURNAL										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
FEATURES										Patent: US 6228581-A 71 08-MAY-2001;									
source										Location/Qualifiers									
BASE COUNT										1..20									
Query Match										/organism="unknown"									
Best Local Similarity										4 a 4 c 8 g 4 t									
Matches 13; Conservative										0.8%; Score 11.2; DB 1; Length 20;									
QY										81.2%; Pred. No. 8.3e+02;									
DB										0; Mismatches 3; Indels 0; Gaps 0;									
496 GGTCGGCGGCTGATGA 511																			
5 GGTCGGCGGCTGATGA 20																			
RESULT 968																			
LOCUS										AR149226 20 bp DNA linear PAT 08-AUG-2001									
DEFINITION										Sequence 73 from patent US 6228581.									
ACCESSION										AR149226									
VERSION										AR149226.1 GI:15113817									
KEYWORDS																			
SOURCE										Unknown.									
ORGANISM										Unknown.									
REFERENCE										Unclassified.									
AUTHORS										1 (bases 1 to 20)									
TITLE										Acton,S.L. and Ordovas,J.M.									
JOURNAL										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
FEATURES										Patent: US 6228581-A 73 08-MAY-2001;									
source										Location/Qualifiers									
BASE COUNT										1..20									
Query Match										/organism="unknown"									
Best Local Similarity										4 a 8 c 4 g 4 t									
Matches 13; Conservative										0.8%; Score 11.2; DB 1; Length 20;									
QY										81.2%; Pred. No. 8.3e+02;									
496 GGTCGGCGGCTGATGA 511																			
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Db 16 GGCTCGCGCTTGATGA 1

RESULT 969
LOCUS AR243442/c 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 235 from patent US 6475789.
ACCESSION AR243442
VERSION AR243442.1 GI:27290653
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit: diagnostic and therapeutic
methods
JOURNAL Patent: US 6475789-A 235 05-NOV-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 1 a 8 c 7 g 5 t
Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 970
LOCUS BD011172/c 21 bp DNA linear PAT 31-JAN-2002
DEFINITION Human telomerase catalytic subunit.
ACCESSION BD011172
VERSION BD011172.1 GI:18639545
KEYWORDS JP 2001081042-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B.,
Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit
JOURNAL Patent: JP 2001081042-A 129 27-MAR-2001;
COMMENT GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/129
PD 27-MAR-2001
PR 01-OCT-1996 US 08/724643, 18-APR-1997 US 08/844419 PR
25-APR-1997 US 08/846017, 06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050, 14-AUG-1997 US 08/911312 PR
14-AUG-1997 US 08/912951, 14-AUG-1997 US 08/915503 PR THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
PC C07K5/10,
PC C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
C12N15/09,
PC C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/53,
PC G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
Strandedness: Single;
CC Topology: linear;
FH Key Location/Qualifiers
FT source 1. 21
FT source /organism='unclassified'.
FT location/Qualifiers

FEATURES

source 1. 21
/organism='unclassified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 971
LOCUS E36921 21 bp DNA linear PAT 18-JUN-2001
DEFINITION Human telomerase catalytic subunit promoter.
ACCESSION E36921
VERSION E36921.1 GI:13022884
KEYWORDS JP 199253177-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Thomas,R.S., Joachim,R., Toru,N., Karen,B.C., Greg,B.M.,
Calvin,B.H. and William,H.A.
TITLE Human telomerase catalytic subunit promoter
JOURNAL Patent: JP 199253177-A 129 21-SEP-1999;
COMMENT JERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 199253177-A/129
PD 21-SEP-1999
PR 15-OCT-1998 JP 1998320169
PR 01-OCT-1998 US 08/724,643, 18-APR-1997 US 08/844,419, PR
25-APR-1997 US 08/846,017, 06-MAY-1997 US 08/851,843, PR
09-MAY-1997 US 08/854,050, 14-AUG-1997 US 08/911,312, PR
14-AUG-1997 US 08/912,951, 14-AUG-1997 US 08/915,503, PI THOMAS
R SECHI, JOACHIM R LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K48/00,
PC C12Q1/02,
PC C12Q1/48, C12Q1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC
C07K16/40,
PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, C12N1/19, PC
C12R1/84,
PC (C12N1/21, C12R1/19), (C12N9/12, C12R1/19), (C12N9/12, C12R1/84),
PC (C12N9/12, C12R1/91), C12N15/00, A61K37/64, C12N5/00 CC
Strandedness: Single;
CC Topology: linear;
FH Key Location/Qualifiers
FT source 1. 21
FT source /organism='unclassified'.
FT location/Qualifiers

FEATURES

source 1. 21
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/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 972
LOCUS BD178528/c

LOCUS	BD178558	15 bp	DNA	linear	PAT 16-APR-2003
DEFINITION	Method of detecting nucleic acid relating to disease.				
ACCESSION	BD178558				
VERSION	BD178558.1	GI:30015794			
KEYWORDS	WO 02077281-A/34.				
SOURCE	unidentified				
ORGANISM	unidentified				
REFERENCE	1 (bases 1 to 15)				
AUTHORS	Hashimoto, K., Hashimoto, M., Mishiro, S. and Ota, Y.				
TITLE	Method of detecting nucleic acid relating to disease				
JOURNAL	Patent: WO 02077281-A/34 03-OCT-2002; <i>Genes</i> 2002				

	COMMENT	
OS	Hepatitis virus (hepatitis C virus)	
PN	WO 02077281-A/34	
PD	03-OCT-2002	
PF	05-MAR-2002 WO 2002JP002030	
PR	27-MAR-2001 JP 01P 090053, 18-SEP-2001 JP 01P 284112	PI
KOJI HASHIMOTO, MICHEI HASHIMOTO, SHINJI MISHIRO, YASUHIKO OTA		PC
C1201/66, C12N5/09, C12M1/00, G01N33/53, G01N33/543, G01N33/566, PC		
G01N33/576,		
PC G01N3//00		
CC Method of detecting nucleic acid relating to disease FH		Key
	Location/Qualifiers	
FT source	1..15	
PT	/organism='Hepatitis virus (hepatitis C	FT

FEATURES		Location/Qualifiers	
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BASE COUNT	5 a 3 c 6 g 1 t		
Query Match		0.8%; Score 11; DB 1; length 15;	
Best Local Similarity		100.0%; Pred. No. 4.9e+02;	
Matches 11; Conservative		0; Mismatches 0; Indels 0; Gaps 0;	
QY	857 GGCCTTCATG 867		
Db	12 GGCCTTCATG 2		

RESULT	973		
AX673440			
LOCUS	AX673440	17 bp	DNA
DEFINITION	Sequence 1885 from Patent WO03004526.		linear
ACCESSION	AX673440		
VERSION	AX673440.1	GI:29331788	
KEYWORDS			
SOURCE			
ORGANISM	Homo sapiens (human)		
REFERENCE	<p>1. Telerman, A., Amson, R. and Tullinder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines Patent: WO 03004526-A 1885 16-JAN-2003;</p>		
AUTHORS	Molecular Engines Laboratories (FR)		
TITLE	Location/Qualifiers		
JOURNAL	1. .17		
FEATURES	source		

BASE COUNT	3	a	4	c	4	g	6	t	
Query Match	0.8%	Score 11; DB 1; Length 17;							
Best Local Similarity	100.0%	Pred. No. 6.5e+02;							
Matches	11;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0

QY	1430	TCCTGCTGCTG	1440
Db	3	TCCTGCTGCTG	13

RESULT 974	AX723241	17 bp	DNA	linear	PAT 08-MAY-2003
LOCUS	AX723241				
DEFINITION	Sequence 928 from Patent WO03025176.				
ACCESSION	AX723241				
VERSION	AX723241.1				
KEYWORDS	GI:30423742				
SOURCE					
ORGANISM	Mus musculus (house mouse)				
	Mus musculus				
REFERENCES	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciuromorphi; Muridae; Murinae; Mus.				
AUTHORS	1 Telerman, A., Amson, R. and Tufinder, M.				
TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines				
JOURNAL	Patent: WO 03025176-A 928 27-MAR-2003;				
FEATURES	Molecular Engines Laboratories (PR)				
	Location/Qualifiers				

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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      7 a      4 c      5 g      1 t

Query Match      0.8%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 11, Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      358 TCCAGGCACAA 368
      |||||
Db      3 TCCAGGCACAA 13

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RESULT	975			
LOCUS	BD089355			
DEFINITION	BD089355	19 bp	DNA	linear
ACCESSION	BD089355	A method of arraying genome clone.		
VERSION	BD089355.1	GI:22634965		
KEYWORDS	JP 2001321190-A/1599.			
SOURCE		synthetic construct		
ORGANISM		synthetic construct		
REFERENCE		artificial sequences.		
AUTHORS		1 (bases 1 to 19)		
TITLE		Soeda, B.		
JOURNAL		A method of arraying genome clone		
		Patent: JP 2001321190-A 1599 20-NOV-2001;		
		THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA		

	COMMENT	
OS	Artificial Sequence	
PN	JP 2001321190-A/1599	
PD	20-NOV-2001	
PF	12-MAR-2001 JP 2001068285	
PI	HITACHI SORDA	
PC	C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC_C12N15/00,	
CC	Description of Artificial Sequence:Synthetic DNA FH	Key
FT	Location/Qualifiers	
FT	source 1..19	
	location/Qualifiers	
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	/db_xref="taxon:32630"	
BASE COUNT	4 a 7 c 4 g 4 t	

Query Match 0.8%; Score 11; DB 1; Length 19;
 Best Local Similarity 73.7%; Pred. No. 8e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 235 TGGAGAGATCCCTATCC 253
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 1 TGGAGAGATCCCTATCC 19

RESULT 976
 AB068582 19 bp DNA linear SYN 21-MAY-2003
 LOCUS Synthetic construct DNA, forward primer for human STS sts-R369A24F
 DEFINITION at 1936.
 ACCESSION AB068582
 VERSION AB068582.1 GI:15129386
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 PUBMED
 MEDLINE
 11374902
 2 (bases 1 to 19)
 Hori, A.
 Direct Submission
 Submitted (04-AUG-2001) Akira Hori, Tohoku University School of
 Medicine, Molecular Pathology; 2-1 Setiyomachi, Aoba-ku, Sendai,
 Miyagi 980-8575, Japan (E-mail: hori@mail.cc.tohoku.ac.jp,
 Tel: 81-22-717-8042, Fax: 81-22-717-8047)
 Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
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 /note="forward primer for human STS sts-R369A24F at 1936
 sts-R369A24F obtained from clones B9G2, B369A24, Human BAC
 library RPCI-11"
 library RPCI-11" 4 g 4 t

BASE COUNT 4 a 7 c 4 g 4 t

Query Match 0.8%; Score 11; DB 1; Length 19;
 Best Local Similarity 73.7%; Pred. No. 8e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 235 TGGAGAGATCCCTATCC 253
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 1 TGGAGAGATCCCTATCC 19

RESULT 977
 AX114458 20 bp DNA linear PAT 11-MAY-2001
 LOCUS Sequence 127 from Patent W00129257.
 DEFINITION AX114458
 ACCESSION AX114458
 VERSION AX114458.1 GI:14031422
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 Patent: WO 0129257-A 127 26-APR-2001;

GENSET (PR)
 FEATURES
 source Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
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 /note="downstream amplification primer 10-102 for SEQ 1,
 in complement"

BASE COUNT 9 a 2 c 8 g 1 t

Query Match 0.8%; Score 11; DB 1; Length 20;
 Best Local Similarity 73.7%; Pred. No. 8.7e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1492 AGTGTGTTAAAGGCT 1510
 |||||
 1 AGGAGAGAAACAAAGGCT 19

RESULT 978
 BD178851/c 20 bp DNA linear PAT 16-APR-2003
 LOCUS Gene panel for genes involving liver regeneration.
 DEFINITION BD178851
 ACCESSION BD178851
 VERSION BD178851.1 GI:30016118
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 OS Artificial Sequence
 PN WO 02077222-A/189
 PD 03-OCT-2002
 EP 13-MAR-2002 WO 2002JP002372
 PR 13-MAR-2001 JP 01P 070940
 PI FUMIHIKO YOKOYA, TOMOHIISA OKUTSU, MAIKO MORI, YOSHIYUKI PI
 TAKAHARA, HISAO FUKUDA,
 PI HIROYUKI ABURATANI, ICHIRO SONAKA
 PC C12N15/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC
 Description of Artificial Sequence: primer
 FH Key Location/Qualifiers
 FT source 1..20
 Location/Qualifiers
 1..20
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 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 7 t

Query Match 0.8%; Score 11; DB 1; Length 20;
 Best Local Similarity 73.7%; Pred. No. 8.7e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 224 CCTCAACATGCGAAGA 242
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 20 CCTCAACAGGCTGAAGAA 2

RESULT 979
 S65223/c 15 bp mRNA linear PRI 07-MAY-1993
 LOCUS arylsulphatase B (ASB) [human, mRNA Partial Mutant, 15 nt].
 DEFINITION S65223
 ACCESSION S65223
 VERSION S65223.1 GI:238983
 KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
1 (bases 1 to 15)
AUTHORS Wicker, G., Prill, V., Brooks, D., Gibson, G., Hopwood, J., von
Figura, K. and Peters, C.
TITLE Mucopolysaccharidosis VI (Maroteaux-Lamy syndrome). An intermediate
clinical phenotype caused by substitution of valine for glycine at
position 137 of arylsulphatase B
J Biol. Chem. 266 (32), 21386-21391 (1991)
JOURNAL 92042029
MEDLINE 1718978
PUBMED
REMARK
COMMENT Genbank staff at the National Library of Medicine created this
entry [NCBI gisbseq 65223] from the original journal article.
This sequence comes from Fig. 2.
G-to-A point mutation at nt #1126 changes a.a. #376 from Val to
Met.
FEATURES
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
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 /partial
 /gene="aryl sulphatase B (ASB)"
gene
BASE COUNT 5 a 2 c 4 g 4 t
Query Match 0.88; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 226 TTCACATGTCGAA 239
 |||||
Db 14 TTCACATGTCGAA 1

Search completed: December 17, 2003, 10:56:58
Job time : 19 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 17, 2003, 11:04:39 / Search time 12 Seconds

(without alignments)
3.294 Million cell updates/sec

Title: us-10-024-396-3

Perfect score: 1426

Sequence: 1 tctgtcatcaagcagcagcgtc.....tctgtcgcaggaagcaaac 1426

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 760 seqs, 13859 residues

Total number of hits satisfying chosen parameters: 1520

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 817 summaries

Database: rng.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32.4	2.3	34	1	AAAX24560 Human SR-BI gene e
2	32.4	2.3	34	1	AAAX24562 Human SR-BI gene e
3	30	2.1	30	1	AAZ21075 Human cell-surface
4	29.4	2.1	31	1	AAAX24539 Human SR-BI gene e
5	29.4	2.1	31	1	AAAX24541 Human SR-BI gene e
6	29.4	2.1	31	1	AAAX24543 Human SR-BI gene e
7	29.4	2.1	31	1	AAAX24545 Human SR-BI gene e
8	29.4	2.1	31	1	AAAX24547 Human SR-BI gene e
9	29.4	2.1	31	1	AAAX24576 Human SR-BI gene e
10	29.4	2.1	31	1	AAAX24631 Human SR-BI gene e
11	29.4	2.1	31	1	AAAX24635 Human SR-BI gene e
12	29.4	2.1	31	1	AAAX24637 Human SR-BI gene e
13	29.4	2.1	31	1	AAAX24668 Human SR-BI gene e
14	28	2.0	28	1	AAAD39293 Human genomic DNA
15	27.8	1.9	31	1	AAAX24574 Human SR-BI gene e
16	27.8	1.9	31	1	AAAX24578 Human SR-BI gene e
17	27.8	1.9	31	1	AAAX24578 Human SR-BI gene e
18	27.8	1.9	31	1	AAAX24666 Human SR-BI gene e
19	26	1.8	26	1	AAAD39292 Human genomic DNA
20	22	1.5	22	1	AAAD39289 Human genomic DNA
21	22	1.5	22	1	AAAD39290 Human genomic DNA
22	19.4	1.4	21	1	AAAX24575 Human SR-BI gene e
23	19.4	1.4	21	1	AAAX24579 Human SR-BI gene e
24	19.4	1.4	21	1	AAAX24671 Human SR-BI gene e
25	19.4	1.4	21	1	AAAX24671 Human SR-BI gene e
26	18.4	1.3	20	1	AAAX24538 Human SR-BI gene e
27	18.4	1.3	20	1	AAAX24540 Human SR-BI gene e
28	18.4	1.3	20	1	AAAX24542 Human SR-BI gene e
29	18.4	1.3	20	1	AAAX24544 Human SR-BI gene e
30	18.4	1.3	20	1	AAAX24630 Human SR-BI gene e
31	18.4	1.3	20	1	AAAX24632 Human SR-BI gene e
32	18.4	1.3	20	1	AAAX24634 Human SR-BI gene e
33	18.4	1.3	20	1	AAAX24636 Human SR-BI gene e

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35	17.8	1.2	21	1	AAAX24573 Human SR-BI gene e
36	17.8	1.2	21	1	AAAX24577 Human SR-BI gene e
37	17.8	1.2	21	1	AAAX24665 Human SR-BI gene e
38	17.8	1.2	21	1	AAAX24665 Human SR-BI gene e
39	17.8	1.2	24	1	ABK65973 Human gene specific
40	17.6	1.2	24	1	ABK65973 Human gene specific
41	17.4	1.2	19	1	AAZ76920 Human biallelic ma
42	17.2	1.2	24	1	AAA30455 Human nNOS PDZ dom
43	16.8	1.2	20	1	AAA60400 Human telomerase a
44	16.8	1.2	21	1	AAAG6610 Human telomerase reverse
45	16.8	1.2	21	1	AAAG6610 Human telomerase reverse
46	16.6	1.2	23	1	ABA90717 Human gene single
47	16.4	1.2	23	1	ABA90717 Human gene single
48	16.4	1.2	22	1	ABK65973 Human PKA C-alpha
49	16.2	1.1	21	1	ABK65973 Human PKA C-alpha
50	16.2	1.1	21	1	ABK65973 Human PKA C-alpha
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53	16.2	1.1	22	1	ABK65973 Human PKA C-alpha
54	15.8	1.1	20	1	AAQ27920 Human gene for PBR
55	15.8	1.1	20	1	AAQ27920 Human gene for PBR
56	15.8	1.1	20	1	AAQ27920 Human gene for PBR
57	15.8	1.1	20	1	AAQ27920 Human gene for PBR
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67	15.6	1.1	22	1	ABK65973 Human NF-kappaB as
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70	15.4	1.1	17	1	AAK75274 Mouse flt-1 VRGP r
71	15.4	1.1	17	1	AAK75274 Mouse flt-1 VRGP r
72	15.4	1.1	17	1	AAK75274 Mouse flt-1 VRGP r
73	15.4	1.1	17	1	AAK75274 Mouse flt-1 VRGP r
74	15.4	1.1	17	1	AAK75274 Mouse flt-1 VRGP r
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76	15.4	1.1	18	1	AAK75274 Mouse flt-1 VRGP r
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78	15.4	1.1	19	1	ABK65973 Human NF-kappaB as
79	15.4	1.1	19	1	ABK65973 Human NF-kappaB as
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82	15.4	1.1	20	1	ABK65973 Human NF-kappaB as
83	15.4	1.1	21	1	AAK62049 Human B3 interact
84	15.2	1.1	21	1	AAK62049 Human B3 interact
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89	15.2	1.1	21	1	AAK62049 Human B3 interact
90	15.2	1.1	21	1	AAK62049 Human B3 interact
91	15.2	1.1	21	1	AAK62049 Human B3 interact
92	15.2	1.1	21	1	AAK62049 Human B3 interact
93	15.2	1.1	21	1	AAK62049 Human B3 interact
94	15.2	1.1	21	1	AAK62049 Human B3 interact
95	15.2	1.1	21	1	AAK62049 Human B3 interact
96	15.2	1.1	21	1	AAK62049 Human B3 interact
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101	15	1.1	15	1	AAK62049 Human B3 interact
102	15	1.1	19	1	AAK62049 Human B3 interact
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C 107	15	1.1	20	1	AAZ21670	Exemplary target n	180	14.2	1.0	20	1	AAZ17894	RT-PCR primer spec
C 108	15	1.1	20	1	AAZ21702	Exemplary oligonuc	181	14.2	1.0	20	1	AAZ17986	BRN gene conserved
C 109	15	1.1	21	1	AAV02125	Human steroid 5- α	182	14.2	1.0	20	1	AAZ17988	BRN gene conserved
C 110	15	1.1	21	1	AAV0692	Telomerase reverse	C 183	14.2	1.0	20	1	AAV56986	Ras gene modulation
C 111	15	1.1	21	1	AAV88055	H. pylori catalase	C 184	14.2	1.0	20	1	AAV29474	Rat JNK1-specific
C 112	15	1.1	21	1	AAV88132	H. pylori catalase	C 185	14.2	1.0	20	1	AAV29472	Rat JNK2-specific
C 113	14.8	1.0	18	1	AAV09240	Factor XIII "a" ge	C 186	14.2	1.0	20	1	AAV27889	Probe for human CS
C 114	14.8	1.0	18	1	AAV09177	Primer used in the	C 187	14.2	1.0	20	1	AAV21622	Human K1-rae speci
C 115	14.8	1.0	19	1	AAV25155	Human ballelic ma	C 188	14.2	1.0	20	1	AAV40406	Antisense oligonuc
C 116	14.8	1.0	19	1	AAV85786	Cyclin B1 ribozyme	C 189	14.2	1.0	20	1	AAV47669	Human MDM2 PCR pri
C 117	14.8	1.0	19	1	AAV60948	Cyclin B1 ribozyme	C 190	14.2	1.0	20	1	AAV54152	Antisense oligonuc
C 118	14.8	1.0	19	1	AAV07540	REVOLUTRA cDNA PCR	C 191	14.2	1.0	20	1	AAV62967	JNK antisense olig
C 119	14.8	1.0	19	1	ABV95109	AMP gene specific	C 192	14.2	1.0	20	1	AAV62975	JNK antisense olig
C 120	14.8	1.0	19	1	ABV10366	Rat Actrial naturer	C 193	14.2	1.0	20	1	AAV38843	Human IL-5R antise
C 121	14.8	1.0	20	1	AAV82768	PCR primer of the	C 194	14.2	1.0	20	1	AAV95860	Human K1-rae antise
C 122	14.8	1.0	20	1	AAV58800	Primer 1220R for b	C 195	14.2	1.0	20	1	AAV24801	Human PAD2 primer
C 123	14.8	1.0	20	1	AAV43943	H. pylori Icea 1 a	C 196	14.2	1.0	20	1	AAV26587	Forward primer spe
C 124	14.8	1.0	20	1	AAV43944	H. pylori Icea 1 a	C 197	14.2	1.0	20	1	AAV24802	Human foetal 5'-UT
C 125	14.8	1.0	20	1	AAV43945	H. pylori Icea 1 a	C 198	14.2	1.0	20	1	AAV51511	Human Interleukin-
C 126	14.8	1.0	20	1	AAV5025	Prostate cancer di	C 199	14.2	1.0	20	1	AAV5225	Human CDNA clone-8
C 127	14.8	1.0	20	1	AAV00810	Cryptosporidium pa	C 200	14.2	1.0	20	1	AAV66135	JNF22 primer to 18
C 128	14.8	1.0	20	1	ABV60514	Human MDM2 mRNA fr	C 201	14.2	1.0	20	1	AAV62716	Human GM-CSF cDNA
C 129	14.8	1.0	20	1	AAV55531	GSH-1 gene related	C 202	14.2	1.0	20	1	AAV91303	Human B2P transcri
C 130	14.8	1.0	21	1	AAV16172	Primer #2 for huma	C 203	14.2	1.0	20	1	AAV67700	Oligonucleotide #1
C 131	14.8	1.0	21	1	AAV43287	p7Blue TA vector	C 204	14.2	1.0	20	1	AAV57890	Error prone PCR pr
C 132	14.8	1.0	21	1	AAV43290	DBLuescript SKI(-	C 205	14.2	1.0	20	1	AAV57890	Yeast Gal-4 DNA bi
C 133	14.8	1.0	21	1	ABV12657	Mouse voltage gate	C 206	14.2	1.0	20	1	ABV17313	Antisense oligonuc
C 134	14.8	1.0	21	1	AAV52139	Fungus-originated	C 207	14.2	1.0	20	1	ABV13226	P. haemolytica pur
C 135	14.4	1.0	16	1	ABV46312	Mouse scavenger re	C 208	14.2	1.0	20	1	ABV20346	Candida albicans G
C 136	14.4	1.0	17	1	AAV23166	Human KDR VEGF rec	C 209	14.2	1.0	20	1	ABV73640	Human IL-5R alpha
C 137	14.4	1.0	17	1	AAV23166	p53 gene ampliflyin	C 210	14.2	1.0	20	1	ABV45187	Human R1P2 antise
C 138	14.4	1.0	17	1	AAV93426	Human B-raf subste	C 211	14.2	1.0	20	1	ABV081479	Human Gal-4 DNA bi
C 139	14.4	1.0	17	1	AAV93427	Human B-raf subste	C 212	14.2	1.0	20	1	ABV72224	Antisense oligonuc
C 140	14.4	1.0	17	1	ABV00670	Human NCOG Hammerh	C 213	14.2	1.0	20	1	ABV66049	Universal fungi de
C 141	14.4	1.0	17	1	ABV00671	Human NCOG Hammerh	C 214	14.2	1.0	20	1	ABV99794	Mouse RAIDD antise
C 142	14.4	1.0	17	1	ABV79222	Human HTPPL scanin	C 215	14.2	1.0	20	1	ABV99811	Mouse RAIDD antise
C 143	14.4	1.0	17	1	ABV79224	Human HTPPL scanin	C 216	14.2	1.0	20	1	ABV99811	Human calreticulin
C 144	14.4	1.0	17	1	AAV17009	Human p53 sequenci	C 217	14.2	1.0	20	1	ABV99725	Human clusterin in
C 145	14.4	1.0	18	1	AAV06549	Control probe #4 f	C 218	14.2	1.0	20	1	AAV06447	Mouse l66 intion 4
C 146	14.4	1.0	18	1	AAV06547	Human km23 phospho	C 219	14.2	1.0	20	1	ABV48254	Cell differentiat
C 147	14.4	1.0	18	1	ABV210646	Haematopoietic cel	C 220	14.2	1.0	20	1	ABV98707	PCR primer R1. Sy
C 148	14.4	1.0	19	1	ABV64426	Human NOVX forward	C 221	14.2	1.0	20	1	ABV15873	Notch 1 gene rever
C 149	14.4	1.0	19	1	ABV93774	Human inhibitor of	C 222	14.2	1.0	20	1	ABV37054	Human lysophosphol
C 150	14.4	1.0	19	1	ABV88080	Caenorhabditis ele	C 223	14.2	1.0	20	1	ABV37055	Human calreticulin
C 151	14.4	1.0	19	1	ABV86926	Human NOV2 exon 11	C 224	14.2	1.0	20	1	AAV97833	Murine SAC1 gene-s
C 152	14.4	1.0	20	1	AAV087319	PCR primer of micr	C 225	14.2	1.0	20	1	AAV97860	Capture oligonucle
C 153	14.4	1.0	20	1	AAV10898	Human cytochrome P	C 226	14.2	1.0	20	1	ABV193053	Human ptaasium ch
C 154	14.4	1.0	20	1	AAV97132	PCR primer used to	C 227	14.2	1.0	20	1	ABV197168	GPM related PCR p
C 155	14.4	1.0	20	1	AAV39434	Forward PCR primer	C 228	14.2	1.0	20	1	ABV27076	Human streptol-CoA
C 156	14.4	1.0	20	1	AAV39444	B. lactofermentum	C 229	14.2	1.0	20	1	AAV55480	Human urokinase pl
C 157	14.4	1.0	20	1	AAV89933	PCR primer for pdh	C 230	14.2	1.0	20	1	AAV55480	Liver regeneration
C 158	14.4	1.0	20	1	AAV89327	Sample member clus	C 231	14.2	1.0	20	1	ABV17745	Human genomi DNA
C 159	14.4	1.0	20	1	AAV20524	Human MTR1 PCR pri	C 232	14.2	1.0	20	1	ABV13661	Human mACHR-6 anti
C 160	14.4	1.0	20	1	ABV074654	STEAP gene sense p	C 233	14.2	1.0	20	1	ABV04487	Human mACHR-6 anti
C 161	14.4	1.0	20	1	ABV74864	Wheat caspase 2 an	C 234	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 162	14.2	1.0	19	1	AAV77639	Wheat microsatelli	C 235	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 163	14.2	1.0	19	1	AAV85787	Cyclin B1 ribozyme	C 236	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 164	14.2	1.0	19	1	AAV85787	Cyclin B1 ribozyme	C 237	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 165	14.2	1.0	19	1	ABV87554	Human LCAT gene fo	C 238	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 166	14.2	1.0	19	1	ABV87554	Human LCAT gene fo	C 239	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 167	14.2	1.0	20	1	AAV65832	Human NBS1 gene PC	C 240	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 168	14.2	1.0	20	1	AAV65832	Type II procollage	C 241	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 169	14.2	1.0	20	1	AAV65832	Mutant K1-rae 5'-U	C 242	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 170	14.2	1.0	20	1	AAV65832	Primer D1, to gene	C 243	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 171	14.2	1.0	20	1	AAV65832	K-rae modulating g	C 244	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 172	14.2	1.0	20	1	AAV65832	Human Fas ligand g	C 245	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 173	14.2	1.0	20	1	AAV65832	Prexellin-2 gene	C 246	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 174	14.2	1.0	20	1	AAV01154	Bacillus sp. alpha	C 247	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 175	14.2	1.0	20	1	AAV26445	Albumin PCR primer	C 248	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 176	14.2	1.0	20	1	AAV204169	Competitive PCR pr	C 249	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 177	14.2	1.0	20	1	AAV204169	PCR primer used to	C 250	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 178	14.2	1.0	20	1	AAV200628	PCR primer used to	C 251	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti
C 179	14.2	1.0	20	1	AAV200588	Human GPC4 exon 1	C 252	14.2	1.0	20	1	AAV39293	Human mACHR-6 anti

C 253	14	1.0	20	1	ABZ68516	PCR primer used to
C 254	13.8	1.0	17	1	AA704193	DNA probe for Agro
C 255	13.8	1.0	17	1	AA793332	Primer R1 for huma
C 256	13.8	1.0	17	1	AA790962	Forward inside pri
C 257	13.8	1.0	17	1	AA711556	Lipid metabolic pa
C 258	13.8	1.0	17	1	AA730705	Telemetase reverse
C 259	13.8	1.0	17	1	AA794816	Human Chk1 ribozym
C 260	13.8	1.0	17	1	AA794817	Human Chk1 ribozym
C 261	13.8	1.0	17	1	ABK01419	Human NOGO Inozyme
C 262	13.8	1.0	17	1	ABK01420	Human NOGO Inozyme
C 263	13.8	1.0	17	1	ABN97605	Human NSDd-1 scann
C 264	13.8	1.0	17	1	ABN97682	Human PDE IV forwa
C 265	13.8	1.0	17	1	ABN01288	Human GDMPLP-1 17-m
C 266	13.8	1.0	17	1	ABN02713	Human GDMPLP-1 17-m
C 267	13.8	1.0	17	1	ABN08091	Human GDMPLP-1 17-m
C 268	13.8	1.0	17	1	AB143844	Human chromosome 1
C 269	13.8	1.0	17	1	ACN06689	NFKB sub-unit modu
C 270	13.8	1.0	17	1	ABN93144	hPDR IV isozyme as
C 271	13.8	1.0	17	1	ABZ60755	Human K-Ras DNAAzm
C 272	13.8	1.0	18	1	AA709031	Arabidopsis thalia
C 273	13.8	1.0	18	1	AA757459	Arabidopsis ethyle
C 274	13.8	1.0	18	1	AA550107	Human Znt2 PCR pr
C 275	13.8	1.0	18	1	AA557565	PNA designed for s
C 276	13.8	1.0	18	1	ABD03794	Arabidopsis thalia
C 277	13.8	1.0	18	1	ABN91974	Human Akt-3 antise
C 278	13.8	1.0	18	1	ABN91974	Single nucleotide
C 279	13.8	1.0	18	1	ABD30259	Human PKD1 gene mu
C 280	13.8	1.0	18	1	ABZ81168	Human GPR50 SNP 18
C 281	13.8	1.0	19	1	AA740963	Human Rhoc PCR rev
C 282	13.8	1.0	19	1	AA722986	Human biallelic ma
C 283	13.8	1.0	19	1	AA82806	cdk3 ribozyme bind
C 284	13.8	1.0	19	1	AA85785	Cyclin B1 ribozyme
C 285	13.8	1.0	19	1	AA86039	Cdc 25 hs ribozyme
C 286	13.8	1.0	19	1	AA804846	PCR primer for int
C 287	13.8	1.0	19	1	AA804846	Tenascin-C phospho
C 288	13.8	1.0	19	1	AAH57968	Cell-cycle depende
C 289	13.8	1.0	19	1	AAH60947	Cyclin B1 ribozyme
C 290	13.8	1.0	19	1	AAH61201	Cdc25 hs ribozyme
C 291	13.8	1.0	19	1	AAH27320	Human TSG16 PCR pr
C 292	13.8	1.0	19	1	AAH27375	PCR primer #44, H
C 293	13.8	1.0	21	1	AA716172	Primer #2 for huma
C 294	13.6	1.0	20	1	ABX17313	Error prone PCR pr
C 295	13.4	0.9	15	1	AA755173	Human rrla hammerh
C 296	13.4	0.9	15	1	AA766552	Human CD40 hammerh
C 297	13.4	0.9	15	1	AA766553	IGFBP2 oligonucleo
C 298	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 299	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 300	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 301	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 302	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 303	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 304	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 305	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 306	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 307	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 308	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 309	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 310	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 311	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 312	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 313	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 314	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 315	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 316	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 317	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 318	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 319	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 320	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 321	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 322	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 323	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 324	13.4	0.9	15	1	AA766553	IGF-I oligonucleo
C 325	13.4	0.9	15	1	AA766553	IGF-I oligonucleo

c 399	13	0.9	17	1	AA65171	Novel strand displ	c 472	12.8	0.9	17	1	ABV79545	Human HTP, scanlin
c 400	13	0.9	17	1	AA65238	gp41 gene sequenci	c 473	12.8	0.9	17	1	ABV79546	Human HTP, scanlin
c 401	13	0.9	17	1	AA013823	Bumper primer Chla	c 474	12.8	0.9	17	1	ABV80340	Human HTP, scanlin
c 402	13	0.9	17	1	AA63629	Novel strand displ	c 475	12.8	0.9	17	1	ABV80341	Human HTP, scanlin
c 403	13	0.9	17	1	AA63689	Human salpha-reduc	c 476	12.8	0.9	17	1	ABV90762	Human POSHL1 scan
c 404	13	0.9	17	1	AB157898	Human NCOG G-Cleav	c 477	12.8	0.9	17	1	ABV90763	Human POSHL1 scan
c 405	13	0.9	17	1	ABK01155	Human NCOG G-Cleav	c 478	12.8	0.9	17	1	ABV91381	Human POSHL1 scan
c 406	13	0.9	17	1	ABK01652	Human NCOG Zinzyme	c 479	12.8	0.9	17	1	ABV91382	Human POSHL1 scan
c 407	13	0.9	17	1	ABK01936	Human NCOG Zinzyme	c 480	12.8	0.9	17	1	ABO63567	Human KROM1a port1
c 408	13	0.9	17	1	ABK02067	Human HTP, scanlin	c 481	12.8	0.9	17	1	ABO63568	Human KROM1a port1
c 409	13	0.9	17	1	ABV79227	Human HTP, scanlin	c 482	12.8	0.9	17	1	ABO63569	Human KROM1a port1
c 410	13	0.9	17	1	ABK55758	Human CLCA1 gene e	c 483	12.8	0.9	17	1	ABO63589	Human KROM1a port1
c 411	13	0.9	17	1	ABK56868	Human CLCA1 gene e	c 484	12.8	0.9	17	1	ABN97604	Human NEDD-1 scan
c 412	13	0.9	17	1	ABK17473	Human ERG hamethe	c 485	12.8	0.9	17	1	ABN97606	Human NEDD-1 scan
c 413	13	0.9	17	1	ABK17474	Human ERG hamethe	c 486	12.8	0.9	17	1	ABK55789	Human CLCA1 gene e
c 414	13	0.9	17	1	ABK17475	Human ERG hamethe	c 487	12.8	0.9	17	1	ABK55790	Human CLCA1 gene e
c 415	13	0.9	17	1	ABK18090	Human ERG hamethe	c 488	12.8	0.9	17	1	ABN00040	Human GDM-LP-1 17-m
c 416	13	0.9	17	1	ABK18091	Human ERG hamethe	c 489	12.8	0.9	17	1	ABN00041	Human GDM-LP-1 17-m
c 417	13	0.9	17	1	ABT34718	Tumour suppression	c 490	12.8	0.9	17	1	ABN01287	Human GDM-LP-1 17-m
c 418	13	0.9	17	1	AA420852	Human CD40 phospho	c 491	12.8	0.9	17	1	ABN01289	Human GDM-LP-1 17-m
c 419	13	0.9	18	1	AA422179	Human c-IAP-1 mRNA	c 492	12.8	0.9	17	1	ABN01532	Human GDM-LP-1 17-m
c 420	13	0.9	18	1	AA492529	Antisense oligonuc	c 493	12.8	0.9	17	1	ABN01533	Human GDM-LP-1 17-m
c 421	13	0.9	18	1	AA492554	Antisense oligonuc	c 494	12.8	0.9	17	1	ABN02712	Human GDM-LP-1 17-m
c 422	13	0.9	18	1	AA424765	Human CD40 antisen	c 495	12.8	0.9	17	1	ABN02714	Human GDM-LP-1 17-m
c 423	13	0.9	18	1	AA504941	Neurofibromatosis	c 496	12.8	0.9	17	1	ABN06532	Human GDM-LP-1 17-m
c 424	13	0.9	18	1	AA030214	Human UGT1A9 gene	c 497	12.8	0.9	17	1	ABN06533	Human GDM-LP-1 17-m
c 425	12.8	0.9	16	1	AA030440	Oligomer IL1R13 f	c 498	12.8	0.9	17	1	ABN08090	Human GDM-LP-1 17-m
c 426	12.8	0.9	16	1	AA753406	Mouse ICAM hairpin	c 499	12.8	0.9	17	1	ABN08092	Human GDM-LP-1 17-m
c 427	12.8	0.9	16	1	AA083451	c-fos antisense ol	c 500	12.8	0.9	17	1	ABN08120	Human GDM-LP-1 17-m
c 428	12.8	0.9	16	1	AA095832	Primer B (Group 10	c 501	12.8	0.9	17	1	ABN08121	Human GDM-LP-1 17-m
c 429	12.8	0.9	16	1	AA557943	PCR primer for G.	c 502	12.8	0.9	17	1	ABN09453	Human GDM-LP-1 17-m
c 430	12.8	0.9	16	1	AA561946	Chicken collagen a	c 503	12.8	0.9	17	1	ABN09454	Human GDM-LP-1 17-m
c 431	12.8	0.9	16	1	AA645590	Thermus thermophil	c 504	12.8	0.9	17	1	ABK19402	Human ERG Ambery
c 432	12.8	0.9	17	1	AA043610	Chlamydia trachoma	c 505	12.8	0.9	17	1	ABK26689	Waxy starch produc
c 433	12.8	0.9	17	1	AA781259	Human c-myc hamer	c 506	12.8	0.9	17	1	ABK26700	Human HLA genotyp1
c 434	12.8	0.9	17	1	AA781155	Human c-myc hamer	c 507	12.8	0.9	17	1	ABL30820	Human HLA genotyp1
c 435	12.8	0.9	17	1	AA475163	Mouse flt-1 VEGF r	c 508	12.8	0.9	17	1	ABL31140	Human HLA genotyp1
c 436	12.8	0.9	17	1	AA469366	Human flt1 VEGF re	c 509	12.8	0.9	17	1	AA024633	Trichoderma reesei
c 437	12.8	0.9	17	1	AA462881	Delta-9 desaturase	c 510	12.8	0.9	17	1	ABT34733	Tumour suppression
c 438	12.8	0.9	17	1	AA462243	Granule bound star	c 511	12.8	0.9	17	1	ABT35404	Tumour suppression
c 439	12.8	0.9	17	1	AA495358	Human c-fos target	c 512	12.8	0.9	17	1	ABT35774	Tumour suppression
c 440	12.8	0.9	17	1	AA495332	Human c-fos target	c 513	12.8	0.9	17	1	ABT36226	Tumour suppression
c 441	12.8	0.9	17	1	AA494810	Human IL-2 recepto	c 514	12.8	0.9	17	1	ABT36680	Tumour suppression
c 442	12.8	0.9	17	1	AA494802	Human IL-2 recepto	c 515	12.8	0.9	17	1	ABT37669	Tumour suppression
c 443	12.8	0.9	17	1	AA454547	Human IBI gene PAC	c 516	12.8	0.9	17	1	ABT39161	Tumour suppression
c 444	12.8	0.9	17	1	AA421113	Integrin alpha 6 s	c 517	12.8	0.9	17	1	ACA06584	NFKB sub-unit modu
c 445	12.8	0.9	17	1	AA402615	Hammerhead ribozym	c 518	12.8	0.9	17	1	ACA06585	NFKB sub-unit modu
c 446	12.8	0.9	17	1	AA402746	Hammerhead ribozym	c 519	12.8	0.9	17	1	ACA07803	NFKB sub-unit modu
c 447	12.8	0.9	17	1	AA402747	Hammerhead ribozym	c 520	12.8	0.9	17	1	ACA09053	NFKB sub-unit modu
c 448	12.8	0.9	17	1	AA402829	Hammerhead ribozym	c 521	12.8	0.9	17	1	ABX77386	Human lrbA gene 5'
c 449	12.8	0.9	17	1	AA402896	Hammerhead ribozym	c 522	12.8	0.9	17	1	ABX79930	Human K-Ras DNAzym
c 450	12.8	0.9	17	1	AA404270	Hammerhead ribozym	c 523	12.8	0.9	17	1	ABZ60756	Human K-Ras DNAzym
c 451	12.8	0.9	17	1	AA404718	Hammerhead ribozym	c 524	12.8	0.9	17	1	ABZ61469	Human H-Ras DNAzym
c 452	12.8	0.9	17	1	AA406241	Hammerhead ribozym	c 525	12.8	0.9	17	1	ABZ61469	Human H-Ras DNAzym
c 453	12.8	0.9	17	1	AA407986	Hepatitis B virus	c 526	12.8	0.9	17	1	AD47534	Human Artemis exon
c 454	12.8	0.9	17	1	AA409423	Primer PstII used	c 527	12.8	0.9	17	1	ABV72390	PCR primer used to
c 455	12.8	0.9	17	1	AA425150	Oestrogen receptor	c 528	12.8	0.9	18	1	ABQ72466	Murine DHFR mutagen
c 456	12.8	0.9	17	1	AA425151	Oestrogen receptor	c 529	12.8	0.9	18	1	AAQ22522	PAD-CMY1 primer BD
c 457	12.8	0.9	17	1	AA426954	Trichoderma reesei	c 530	12.8	0.9	18	1	AAQ20739	Control probe #3 f
c 458	12.8	0.9	17	1	AA418486	Human Chk1 ribozym	c 531	12.8	0.9	18	1	AAQ26548	Pl6 primer. Synth
c 459	12.8	0.9	17	1	AA494863	Human Chk1 ribozym	c 532	12.8	0.9	18	1	AAQ28331	HCV antisense prim
c 460	12.8	0.9	17	1	AA495178	Human Chk1 ribozym	c 533	12.8	0.9	18	1	AAQ39138	Uricase gene mutat
c 461	12.8	0.9	17	1	AA495179	Human Chk1 ribozym	c 534	12.8	0.9	18	1	AAQ40959	Cellulomonas flay1
c 462	12.8	0.9	17	1	AA495354	Human Chk1 ribozym	c 535	12.8	0.9	18	1	AAQ72266	Streptomyces sp. B
c 463	12.8	0.9	17	1	AA495515	Human Chk1 ribozym	c 536	12.8	0.9	18	1	AAQ22521	Coding sequence fo
c 464	12.8	0.9	17	1	AA404568	Human inenlinoma-a	c 537	12.8	0.9	18	1	AA478001	Oligonucleotide p-
c 465	12.8	0.9	17	1	AA457357	Murine Cdc25A intr	c 538	12.8	0.9	18	1	AA478001	Granule bound star
c 466	12.8	0.9	17	1	ABK00024	Human NCOG Hamerth	c 539	12.8	0.9	18	1	AA471745	G-CSF receptor ago
c 467	12.8	0.9	17	1	ABK00879	Human NCOG Inozyme	c 540	12.8	0.9	18	1	AA462716	Oligo HCV-213' tar
c 468	12.8	0.9	17	1	ABK00958	Human NCOG Inozyme	c 541	12.8	0.9	18	1	AA462716	Human uncoupling p
c 469	12.8	0.9	17	1	ABK01418	Human NCOG G-Cleav	c 542	12.8	0.9	18	1	AA462716	
c 470	12.8	0.9	17	1	ABK01600	Human NCOG G-Cleav	c 543	12.8	0.9	18	1	AA462716	
c 471	12.8	0.9	17	1	ABK03658	Human CD20 Ambery	c 544	12.8	0.9	18	1	AA462716	

545	12.8	0.9	18	1	AAV56442	Human ICM-R cDNA	618	12.4	0.9	14	1	ABL46315	Mouse scavenger re
546	12.8	0.9	18	1	AAV54872	Primer DH4 used to	619	12.4	0.9	15	1	ABL03087	Sequence of PCR pr
547	12.8	0.9	18	1	AAV48432	Transferring growth	620	12.4	0.9	15	1	AAT55841	Human TNF-alpha ha
548	12.8	0.9	18	1	AAV41659	Nucleotide sequenc	621	12.4	0.9	15	1	AAT52116	Human ICM hamster
549	12.8	0.9	18	1	AAV30180	Protein kinase cat	622	12.4	0.9	15	1	AAT52116	Mouse re1A hamster
550	12.8	0.9	18	1	AAZ21808	Human G-alpha-13 a	623	12.4	0.9	15	1	AAZ59871	Human CERP HH ribo
551	12.8	0.9	18	1	AAZ10991	HLA-A allele PCR p	624	12.4	0.9	15	1	AAZ11454	Tag sequence of a88
552	12.8	0.9	18	1	AAZ89278	PDE8A specific pri	625	12.4	0.9	15	1	AAZ73422	Reverse primer #88
553	12.8	0.9	18	1	AAZ84737	Nitrosopira 16S rDN	626	12.4	0.9	15	1	AAZ62753	Substrate for HH r
554	12.8	0.9	18	1	AAZ58211	PCR primer ADNRAMP	627	12.4	0.9	15	1	AAZ50436	Human DAXX DNA all
555	12.8	0.9	18	1	AAZ4896	PCR primer used to	628	12.4	0.9	15	1	AAZ91750	Immunostimulatory
556	12.8	0.9	18	1	AAZ34147	Myocobacterium spec	629	12.4	0.9	15	1	AAZ80920	Breast-cancer asso
557	12.8	0.9	18	1	AAZ21895	Primer for ICM-R	630	12.4	0.9	15	1	AAZ70351	Human DDX2 allele
558	12.8	0.9	18	1	AAZ12093	Mouse MSP DNA prob	631	12.4	0.9	15	1	AAZ45907	IGFBP2 oligonucleo
559	12.8	0.9	18	1	AAZ69237	ICAM-R DNA amplif	632	12.4	0.9	15	1	AAZ45908	IGFBP2 oligonucleo
560	12.8	0.9	18	1	AAZ79337	Nuclear polyhedros	633	12.4	0.9	15	1	AAZ45952	IGFBP2 oligonucleo
561	12.8	0.9	18	1	AAZ72931	Human biallelic ma	634	12.4	0.9	15	1	AAZ45952	IGFBP2 oligonucleo
562	12.8	0.9	18	1	AAZ73058	Human biallelic ma	635	12.4	0.9	15	1	AAZ45954	IGFBP2 oligonucleo
563	12.8	0.9	18	1	AAZ73817	Human biallelic ma	636	12.4	0.9	15	1	AAZ47620	IGFBP3 oligonucleo
564	12.8	0.9	18	1	AAZ76217	Human biallelic ma	637	12.4	0.9	15	1	AAZ47621	IGFBP3 oligonucleo
565	12.8	0.9	18	1	AAZ67808	Baculovirus polyhe	638	12.4	0.9	15	1	AAZ49593	IGF-1 oligonucleot
566	12.8	0.9	18	1	AAZ75984	PCR primer used to	639	12.4	0.9	15	1	AAZ49594	IGF-1 oligonucleot
567	12.8	0.9	18	1	AAZ75984	PCR primer used to	640	12.4	0.9	15	1	AAZ52376	IGF-1 oligonucleot
568	12.8	0.9	18	1	AAZ92613	Antisense oligonuc	641	12.4	0.9	15	1	AAZ52376	IGF-1 oligonucleot
569	12.8	0.9	18	1	AAZ97184	Human PD8A specif	642	12.4	0.9	15	1	AAZ52599	IGF-1 oligonucleot
570	12.8	0.9	18	1	AAZ97205	Human PD8A specif	643	12.4	0.9	15	1	AAZ52601	IGF-1 oligonucleot
571	12.8	0.9	18	1	AAZ67029	Human leukocyte an	644	12.4	0.9	15	1	AAZ52619	IGF-1 oligonucleot
572	12.8	0.9	18	1	AAZ46235	Primer IPMSF for I	645	12.4	0.9	15	1	AAZ52621	IGF-1 oligonucleot
573	12.8	0.9	18	1	AAZ55500	TRAI antisense ol	646	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
574	12.8	0.9	18	1	AAZ03834	Human NF-kappa-B p	647	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
575	12.8	0.9	18	1	AAZ00537	Baculovirus revers	648	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
576	12.8	0.9	18	1	AAZ15519	Human G-alpha-13 a	649	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
577	12.8	0.9	18	1	AAZ93452	TRAD antisense ol	650	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
578	12.8	0.9	18	1	AAZ08330	ICAM-R PCR primer	651	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
579	12.8	0.9	18	1	AAZ95384	TRIL random bindin	652	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
580	12.8	0.9	18	1	AAZ04864	Tenascin-C phospho	653	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
581	12.8	0.9	18	1	AAZ59176	Reverse primer for	654	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
582	12.8	0.9	18	1	AAZ57746	Human G-alpha-12 a	655	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
583	12.8	0.9	18	1	AAZ24356	Human ICM-R cytop	656	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
584	12.8	0.9	18	1	AAZ87779	D-1 dopamine recep	657	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
585	12.8	0.9	18	1	AAZ18474	A. niger transcrip	658	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
586	12.8	0.9	18	1	AAZ05919	Baculovirus sequen	659	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
587	12.8	0.9	18	1	AAZ26101	Bacteriophage T1-1	660	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
588	12.8	0.9	18	1	AAZ13708	Simple sequence re	661	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
589	12.8	0.9	18	1	AAZ595237	Otoferlin exon PCR	662	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
590	12.8	0.9	18	1	ABQ84689	Human HCCA2 relate	663	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
591	12.8	0.9	18	1	ABQ84689	Intercellular adhe	664	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
592	12.8	0.9	18	1	ABQ84689	Pig SOX9 cDNA, PCR	665	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
593	12.8	0.9	18	1	ABQ84689	TRC8 related PCR p	666	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
594	12.8	0.9	18	1	ABQ84689	Inhibitory oligonu	667	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
595	12.8	0.9	18	1	ABQ84689	SRZ2 PCR primer us	668	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
596	12.8	0.9	18	1	ABQ84689	Mouse prostate spe	669	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
597	12.8	0.9	18	1	ABQ84689	Homididae LDL rece	670	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
598	12.8	0.9	18	1	ABQ84689	Human UGT1 gene po	671	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
599	12.8	0.9	18	1	ABQ84689	Human UGT1 oligonu	672	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
600	12.8	0.9	18	1	ABQ84689	Human HLA genotypi	673	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
601	12.8	0.9	18	1	ABQ84689	Human adenine nucl	674	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
602	12.8	0.9	18	1	ABQ84689	Brasica oleracea	675	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
603	12.8	0.9	18	1	ABQ84689	Primer for extensi	676	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
604	12.8	0.9	18	1	ABQ84689	Human HAM cDNA fra	677	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
605	12.8	0.9	18	1	ABQ84689	Human hairless gen	678	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
606	12.8	0.9	18	1	ABQ84689	PCR primer #1 for	679	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
607	12.8	0.9	18	1	ABQ84689	Haematopoietic cel	680	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
608	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	681	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
609	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	682	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
610	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	683	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
611	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	684	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
612	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	685	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
613	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	686	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
614	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	687	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
615	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	688	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
616	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	689	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot
617	12.8	0.9	18	1	ABQ84689	Oligonucleotide SE	690	12.4	0.9	15	1	AAZ52760	IGF-1 oligonucleot

C 691	12.4	0.9	17	1	AAH95191	Human Cdk1 ribozym
C 692	12.4	0.9	17	1	AAH95500	Human Cdk1 ribozym
C 693	12.4	0.9	17	1	AAH95698	Human Cdk1 ribozym
C 694	12.4	0.9	17	1	AAD08906	Primer #2 used to
C 695	12.4	0.9	17	1	ABK00041	Human NOGO Hammerh
C 696	12.4	0.9	17	1	ABK00060	Human NOGO Hammerh
C 697	12.4	0.9	17	1	ABK01421	Human NOGO Inozyme
C 698	12.4	0.9	17	1	ABK01584	Human NOGO G-Cleave
C 699	12.4	0.9	17	1	ABK03622	Human CD20 DNAzyme
C 700	12.4	0.9	17	1	ABK03757	Human HTPL scanin
C 701	12.4	0.9	17	1	ABV79220	Human HTPL scanin
C 702	12.4	0.9	17	1	ABV80342	Human HTPL scanin
C 703	12.4	0.9	17	1	ABV80343	Human HTPL scanin
C 704	12.4	0.9	17	1	ABV74999	Human PAPP-Ba a880
C 705	12.4	0.9	17	1	ABV75003	Human PAPP-Ba a880
C 706	12.4	0.9	17	1	ABV75264	Human PAPP-Ba a880
C 707	12.4	0.9	17	1	ABV75265	Human PAPP-Ba a880
C 708	12.4	0.9	17	1	ABV75266	Human PAPP-Ba a880
C 709	12.4	0.9	17	1	ABV75267	Human PAPP-Ba a880
C 710	12.4	0.9	17	1	ABV90085	Human POSHL1 scan
C 711	12.4	0.9	17	1	ABV90086	Human POSHL1 scan
C 712	12.4	0.9	17	1	ABV90087	Human POSHL1 scan
C 713	12.4	0.9	17	1	ABV90088	Human POSHL1 scan
C 714	12.4	0.9	17	1	ABV90880	Human POSHL1 scan
C 715	12.4	0.9	17	1	ABV90881	Human POSHL1 scan
C 716	12.4	0.9	17	1	ABV90882	Human POSHL1 scan
C 717	12.4	0.9	17	1	ABV90883	Human POSHL1 scan
C 718	12.4	0.9	17	1	ABV90884	Human POSHL1 scan
C 719	12.4	0.9	17	1	ABV90885	Human POSHL1 scan
C 720	12.4	0.9	17	1	ABV90886	Human POSHL1 scan
C 721	12.4	0.9	17	1	ABV90887	Human POSHL1 scan
C 722	12.4	0.9	17	1	ABV90888	Human POSHL1 scan
C 723	12.4	0.9	17	1	ABV90889	Human POSHL1 scan
C 724	12.4	0.9	17	1	ABV90890	Human POSHL1 scan
C 725	12.4	0.9	17	1	ABV90891	Human POSHL1 scan
C 726	12.4	0.9	17	1	ABV90892	Human POSHL1 scan
C 727	12.4	0.9	17	1	ABV90893	Human POSHL1 scan
C 728	12.4	0.9	17	1	ABV90894	Human POSHL1 scan
C 729	12.4	0.9	17	1	ABV90895	Human POSHL1 scan
C 730	12.4	0.9	17	1	ABV90896	Human POSHL1 scan
C 731	12.4	0.9	17	1	ABV90897	Human POSHL1 scan
C 732	12.4	0.9	17	1	ABV90898	Human POSHL1 scan
C 733	12.4	0.9	17	1	ABV90899	Human POSHL1 scan
C 734	12.4	0.9	17	1	ABV90900	Human POSHL1 scan
C 735	12.4	0.9	17	1	ABV90901	Human POSHL1 scan
C 736	12.4	0.9	17	1	ABV90902	Human POSHL1 scan
C 737	12.4	0.9	17	1	ABV90903	Human POSHL1 scan
C 738	12.4	0.9	17	1	ABV90904	Human POSHL1 scan
C 739	12.4	0.9	17	1	ABV90905	Human POSHL1 scan
C 740	12.4	0.9	17	1	ABV90906	Human POSHL1 scan
C 741	12.4	0.9	17	1	ABV90907	Human POSHL1 scan
C 742	12.4	0.9	17	1	ABV90908	Human POSHL1 scan
C 743	12.4	0.9	17	1	ABV90909	Human POSHL1 scan
C 744	12.4	0.9	17	1	ABV90910	Human POSHL1 scan
C 745	12.4	0.9	17	1	ABV90911	Human POSHL1 scan
C 746	12.4	0.9	17	1	ABV90912	Human POSHL1 scan
C 747	12.4	0.9	17	1	ABV90913	Human POSHL1 scan
C 748	12.4	0.9	17	1	ABV90914	Human POSHL1 scan
C 749	12.4	0.9	17	1	ABV90915	Human POSHL1 scan
C 750	12.4	0.9	17	1	ABV90916	Human POSHL1 scan
C 751	12.4	0.9	17	1	ABV90917	Human POSHL1 scan
C 752	12.4	0.9	17	1	ABV90918	Human POSHL1 scan
C 753	12.4	0.9	17	1	ABV90919	Human POSHL1 scan
C 754	12.4	0.9	17	1	ABV90920	Human POSHL1 scan
C 755	12.4	0.9	17	1	ABV90921	Human POSHL1 scan
C 756	12.4	0.9	17	1	ABV90922	Human POSHL1 scan
C 757	12.4	0.9	17	1	ABV90923	Human POSHL1 scan
C 758	12.4	0.9	17	1	ABV90924	Human POSHL1 scan
C 759	12.4	0.9	17	1	ABV90925	Human POSHL1 scan
C 760	12.4	0.9	17	1	ABV90926	Human POSHL1 scan
C 761	12.4	0.9	17	1	ABV90927	Human POSHL1 scan
C 762	12.4	0.9	17	1	ABV90928	Human POSHL1 scan
C 763	12.4	0.9	17	1	ABV90929	Human POSHL1 scan

764	12.4	0.9	17	1	ABZ65103	Human HER2 DNAzyme
C 765	12.4	0.9	17	1	ABZ65231	Human HER2 DNAzyme
C 766	12.4	0.9	17	1	AAV71745	Human KRR VEGF rec
C 767	12	0.8	20	1	AAD09655	Human PRA C-alpha
C 768	11.8	0.8	17	1	ABV91361	Human POSHL1 scan
C 769	11.8	0.8	17	1	ABV91362	Human POSHL1 scan
C 770	11.8	0.8	17	1	ABV91363	Human POSHL1 scan
C 771	11.8	0.8	17	1	ABV91364	Human POSHL1 scan
C 772	11.8	0.8	17	1	ABV91365	Human POSHL1 scan
C 773	11.8	0.8	17	1	ABV91366	Human POSHL1 scan
C 774	11.8	0.8	17	1	ABV91367	Human POSHL1 scan
C 775	11.6	0.8	17	1	ABV91368	Human POSHL1 scan
C 776	11.6	0.8	17	1	ABV91369	Human POSHL1 scan
C 777	11.6	0.8	17	1	ABV91370	Human POSHL1 scan
C 778	11.6	0.8	17	1	ABV91371	Human POSHL1 scan
C 779	11.6	0.8	17	1	ABV91372	Human POSHL1 scan
C 780	11.6	0.8	17	1	ABV91373	Human POSHL1 scan
C 781	11.4	0.8	17	1	ABV91374	Human POSHL1 scan
C 782	11.4	0.8	17	1	ABV91375	Human POSHL1 scan
C 783	11.4	0.8	17	1	ABV91376	Human POSHL1 scan
C 784	11.4	0.8	17	1	ABV91377	Human POSHL1 scan
C 785	11.4	0.8	17	1	ABV91378	Human POSHL1 scan
C 786	11.2	0.8	17	1	ABV91379	Human POSHL1 scan
C 787	11.2	0.8	17	1	ABV91380	Human POSHL1 scan
C 788	11.2	0.8	17	1	ABV91381	Human POSHL1 scan
C 789	11.2	0.8	17	1	ABV91382	Human POSHL1 scan
C 790	11.2	0.8	17	1	ABV91383	Human POSHL1 scan
C 791	11.2	0.8	17	1	ABV91384	Human POSHL1 scan
C 792	11.2	0.8	17	1	ABV91385	Human POSHL1 scan
C 793	11.2	0.8	17	1	ABV91386	Human POSHL1 scan
C 794	11.2	0.8	17	1	ABV91387	Human POSHL1 scan
C 795	11.2	0.8	17	1	ABV91388	Human POSHL1 scan
C 796	11.2	0.8	17	1	ABV91389	Human POSHL1 scan
C 797	11.2	0.8	17	1	ABV91390	Human POSHL1 scan
C 798	11.2	0.8	17	1	ABV91391	Human POSHL1 scan
C 799	11.2	0.8	17	1	ABV91392	Human POSHL1 scan
C 800	11.2	0.8	17	1	ABV91393	Human POSHL1 scan
C 801	11.2	0.8	17	1	ABV91394	Human POSHL1 scan
C 802	11.2	0.8	17	1	ABV91395	Human POSHL1 scan
C 803	11.2	0.8	17	1	ABV91396	Human POSHL1 scan
C 804	11.2	0.8	17	1	ABV91397	Human POSHL1 scan
C 805	11.2	0.8	17	1	ABV91398	Human POSHL1 scan
C 806	11.2	0.8	17	1	ABV91399	Human POSHL1 scan
C 807	11.2	0.8	17	1	ABV91400	Human POSHL1 scan
C 808	11.2	0.8	17	1	ABV91401	Human POSHL1 scan
C 809	11.2	0.8	17	1	ABV91402	Human POSHL1 scan
C 810	11.2	0.8	17	1	ABV91403	Human POSHL1 scan
C 811	11.2	0.8	17	1	ABV91404	Human POSHL1 scan
C 812	11.2	0.8	17	1	ABV91405	Human POSHL1 scan
C 813	11.2	0.8	17	1	ABV91406	Human POSHL1 scan
C 814	11.2	0.8	17	1	ABV91407	Human POSHL1 scan
C 815	11.2	0.8	17	1	ABV91408	Human POSHL1 scan
C 816	11.2	0.8	17	1	ABV91409	Human POSHL1 scan
C 817	11.2	0.8	17	1	ABV91410	Human POSHL1 scan

ALIGNMENTS

RESULT 1
ID AAX24560 standard; DNA; 34 BP.
XX AAX24560;
AC 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX Human SR-BI gene exon 8 PCR primer.
XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX resensitization; congestive heart failure; atherosclerosis; cholesterol;
XX low density lipoprotein; LDL; high density lipoprotein; HDL;

KM diagnosis; body mass index; obesity; cachexia; gallstone; PCR;
 KM primer; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUT) UNIV TUTS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 5; Page 72; 102pp; English.
 XX
 CC A PCR primer pair (see also AAX24561) is designed for the
 CC amplification of exon 8 (see AAX24505) of the human SR-BI gene.
 CC A C/T polymorphism has been detected at nucleotide 41 of this
 CC exon. PCR amplification followed by HaeIII digestion yields
 CC 154, 33 and 31 bp products in CC individuals, 154, 64, 33 and 31
 CC bp products in CT individuals, and 154 and 64 bp products in TT
 CC individuals. The invention is based on the discovery of the
 CC genomic structure of the human SR-BI gene (see AAX24498-509) and on
 CC the identification of polymorphic regions within the gene which are
 CC associated with abnormal body mass index (BMI) and abnormal
 CC lipoprotein levels and hence with disorders such as obesity.
 CC cachexia, cardiovascular disorders and gallstone formation. The
 CC invention provides methods for determining whether a subject has,
 CC or is at risk of developing, a disease associated with a specific
 CC allele of a polymorphic region of an SR-BI gene. Kits comprising
 CC the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 XX
 SQ Sequence 34 BP; 4 A; 15 C; 3 G; 12 T; 0 other;
 QY
 Query Match 2.3%; Score 32.4; DB 1; Length 34;
 Best Local Similarity 97.1%; Pred. No. 0.76;
 Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1085 CCTGTTCTCTCCATCCTCACTTCTCAAGC 1118
 DB 1 CCTGTTCTCTCCATCCTCACTTCTCAAGC 34
 RESULT 2
 AAX24652
 ID AAX24652 standard; DNA; 34 BP.
 AC AAX24652;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 PCR primer.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone; PCR;
 KM primer; ss.
 XX

OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 10; Page 71; 103pp; English.
 XX
 CC A PCR primer pair (see also AAX24653) is designed for the
 CC amplification of exon 8 (see AAX24597) of the human SR-BI gene.
 CC A C/T polymorphism has been detected at nucleotide 41 of this
 CC exon. PCR amplification followed by HaeIII digestion yields
 CC 154, 33 and 31 bp products in CC individuals, 154, 64, 33 and 31
 CC bp products in CT individuals, and 154 and 64 bp products in TT
 CC individuals. The invention is based on the discovery of the
 CC genomic structure of the human SR-BI gene (see AAX24590-601) and on
 CC the identification of polymorphic regions within the gene which are
 CC associated with abnormal body mass index (BMI) and abnormal
 CC lipoprotein levels and hence with disorders such as obesity,
 CC cachexia, cardiovascular disorders and gallstone formation. The
 CC invention provides methods for determining whether a subject has,
 CC or is at risk of developing, a disease associated with a specific
 CC allele of a polymorphic region of an SR-BI gene. Kits comprising
 CC the relevant probe or primer are claimed.
 XX
 SQ Sequence 34 BP; 4 A; 15 C; 3 G; 12 T; 0 other;
 QY
 Query Match 2.3%; Score 32.4; DB 1; Length 34;
 Best Local Similarity 97.1%; Pred. No. 0.76;
 Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1085 CCTGTTCTCTCCATCCTCACTTCTCAAGC 1118
 DB 1 CCTGTTCTCTCCATCCTCACTTCTCAAGC 34
 RESULT 3
 AAX21075/c
 ID AAX21075 standard; DNA; 30 BP.
 AC AAX21075;
 XX
 DT 18-NOV-1999 (first entry)
 XX
 DE Human cell-surface HDL receptor CLA-1 probe.
 XX
 KM LDL receptor; low density lipoprotein; steroid receptor element;
 KM caveolin; SRB; regulation; cell cycle; cholesterol; mitosis;
 KM cell division; anti-mitotic; inhibition; growth; proliferation;
 KM cancer; restenosis; atherosclerosis; heart disease; detection;
 KM lipid processing; diabetes; thyroid hormone deficiency; renal failure;
 KM inherited hyperlipidaemia; probe; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9946592-A1.

XX 16-SEP-1999.
 PD 08-MAR-1999; 99WO-US05146.
 PF 09-MAR-1998; 98US-0077351.
 PR (REGC) UNIV CALIFORNIA.
 XX PA
 XX PI Fielding CJ, Fielding PE;
 XX WPI; 1999-551504/46.
 DR
 XX Detection of anti-mitotic agents for use in inhibiting the growth or
 PT proliferation of cells, e.g. in cancers or restenosis -
 PS
 XX Example 5; Page 92; 135pp; English.
 CC A method has been developed for identifying anti-mitotic agents by
 CC detecting effects on cholesterol influx or efflux in cells or using a
 CC caveolin promoter-reporter gene construct. The method comprises: (1)
 CC contacting a cell with an agent to be tested for anti-mitotic activity;
 CC and (2) detecting the efflux of free cholesterol (FC) from the cell;
 CC where an increase in efflux of FC by the cell when contacted by the
 CC agent as compared to the cell under the same conditions lacking the
 CC agent indicates antimitotic activity of the agent. The method can be
 CC used for identifying agents for inhibiting the growth and/or
 CC proliferation of cells, more particularly the growth and proliferation
 CC of cancer cells, other transformed cells, or at other sites such as in
 CC aortic transplant subjects to restenosis. It can also be used for
 CC modulating cholesterol uptake in atherosclerosis and heart disease.
 CC It can also be used for detecting lipid processing by cells in
 CC pathologies such as diabetes, thyroid hormone deficiency, renal failure
 CC and inherited hyperlipidaemias. The present sequence represents a
 CC probe used in the exemplification of the present invention.
 CC
 SQ Sequence 30 BP; 7 A; 9 C; 6 G; 8 T; 0 other;
 OY
 Db 1514 AGGATAGAGGAGCGCCATTGCTTCTG 1543
 30 AGGATAGAGGAGCGCCATTGCTTCTG 1
 RESULT 4
 ID AAX24539/c
 AC AAX24539; standard; DNA; 31 BP.
 XX
 AC AAX24539;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX

PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 XX
 PI Acton SL, Ordovas JM;
 XX WPI; 1999-120935/10.
 DR
 XX Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 PS
 XX Example 2; Page 33; 102pp; English.
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 is thymidine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 SQ Sequence 31 BP; 8 A; 6 C; 12 G; 5 T; 0 other;
 OY
 Db 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1
 RESULT 5
 ID AAX24541
 AC AAX24541; standard; DNA; 31 BP.
 XX
 AC AAX24541;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.

```

XX
PI Acton SL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 33; 102pp; English.
XX
CC This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
CC It hybridises specifically to the complement of a nucleotide
CC sequence wherein nucleotide 41 is thymidine. The invention is
CC based on the discovery of the genomic structure of the human SR-BI
CC gene (see AAX24498-509) and on the identification of polymorphic
CC regions within the gene which are associated with abnormal body
CC mass index (BMI) and abnormal lipoprotein levels and hence with
CC disorders such as obesity, cachexia, cardiovascular disorders and
CC gallstone formation. The invention provides methods for
CC determining whether a subject has, or is at risk of developing, a
CC disease associated with a specific allele of a polymorphic region
CC of an SR-BI gene. Kits comprising the relevant probe or primer are
CC claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
CC
SQ Sequence 31 BP; 5 A; 12 C; 6 G; 8 T; 0 other;
XX
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 2;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
QY 1104 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1134
DB 1 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 31
XX
RESULT 6
AAX24543/C
ID AAX24543 standard; DNA; 31 BP.
XX
AC AAX24543;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 8 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO9902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNIV TUFTS.
XX
PI Acton SL, Ordovas JM;
XX
DR WPI; 1999-120935/10.

```

```

XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 33; 102pp; English.
XX
CC This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
CC It hybridises specifically to a nucleotide sequence wherein
CC nucleotide 41 is cytidine. The invention is based on the
CC discovery of the genomic structure of the human SR-BI gene (see
CC AAX24498-509) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
CC
SQ Sequence 31 BP; 7 A; 6 C; 12 G; 6 T; 0 other;
XX
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 2;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
QY 1104 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1134
DB 31 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1
XX
RESULT 7
AAX24545
ID AAX24545 standard; DNA; 31 BP.
XX
AC AAX24545;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 8 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO9902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNIV TUFTS.
XX
PI Acton SL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene

```

PS Example 2; Page 33; 102pp; English.

This probe is designed to detect a C/T polymorphism located at nucleotide 41 of exon 8 of the human SR-BI gene (see AAX4556). It hybridizes specifically to the complement of a nucleotide sequence wherein nucleotide 41 is cytidine. The invention is based on the discovery of the genomic structure of the human SR-BI gene (see AAX24499-509) and on the identification of polymorphic regions within the gene which are associated with abnormal body mass index (BMI) and abnormal lipoprotein levels and hence with disorders such as obesity, cachexia, cardiovascular disorders and gallstone formation. The invention provides methods for determining whether a subject has, or is at risk of developing, a disease associated with a specific allele of a polymorphic region of an SR-BI gene. Kits comprising the relevant probe or primer are claimed.

(Updated on 20-MAR-2003 to correct PA field.)

Sequence 31 BP; 6 A; 12 C; 6 G; 7 T; 0 other;

Query Match	2.1%	Score 29.4;	DB 1;	Length 31;
Best Local Similarity	96.8%;	Pred. No. 2;		
Matches 30; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

```

QY      1104 TCACCTTCCTCAACGCCGACCCCGGTTCTGGCA 1134
Db      1 TCACCTTCATCAACGCCGACCCCGGTTCTGGCA 31

```

RESULT 8
AAX24576
ID AAX24576 standard; DNA; 31 BP.

DT	20-MAR-2003	(updated)
DT	21-JUN-1999	(first entry)

Human SR-BI gene exon 3 probe

KM SR-BI; numam; polymorphism; cardiovascular disorder; ischaemia;
KM renesiois; congenital heart failure; atherosclerosis; cholesterol
KM low density lipoprotein; LDL, high density lipoprotein, HDL,
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM variant; probe; hybridisation; ss

OS	Synthetic.
OS	Homo sapiens.

PN W09902735-A2.

PD 21-JAN-1999.

PF 10-JUL-1998; 98WO-US14354.

PR 27-FEB-1998; 98US-0031626.

XX
XX
.....)

PA (TUFT) UNIV TUFTS.

PI Acton SL, Ordovas JM,

DR WPI; 1999-120935/10.

PT	Detecting genetic pr
PT	identifying 317013

PT
XX
gene

PS Example 2; Page 32; 102pp; English.

CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).

It hybridises specifically to the complement of a nucleotide sequence wherein nucleotide 119 is adenine. The invention is based on the discovery of the genomic structure of the human SR-BI gene (see AAX24498-509) and on the identification of polymorphic regions within the gene which are associated with abnormal body mass index (BMI) and abnormal lipoprotein levels and hence with disorders such as obesity, xanthomas, cardiovascular disorders and gallstone formation. The invention provides methods for determining whether a subject has, or is at risk of developing, a disease associated with a specific allele of a polymorphic region of an SR-BI gene. Kits comprising the relevant probe or primer are claimed.

(Updated on 20-MAR-2003 to correct PA field.)

Sequence 31 BP; 10 A; 11 C; 5 G; 5 T; 0 other;

Query Match	2.1;	Score	29.4;	DB	1;	Length	31;
Best Local Similarity	96.8;	Pred. No.	2;				
Matches	30;	Conservative	0;	Mismatches	1;	Indels	0;
						Gaps	0;

QY 457 GAGAGCGACTACATCGTATGCCCAACATCC 487
 Db 1 GAGAGCGACTACATCATGCCCCAATCC 31

RESULT 9
AAx24631/c
ID AAx24631 standard; DNA; 31 BP.

AC AAX24631

DT 21-JUN-1999 (first entry)

DB Human SR-BI gene exon 8 probe.

KM SR-B1; unman; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; ss.

OS Synthetic.

XX

2000

XX
22

XX		6630007
DB	27 FEB 1988	6630007

PR 10-JUL-1997; 97US-0890980.

PA (MILL-) MILLENNIUM PHARM INC.
XX

PI Acton SL;
v

DR WPI; 1999-120936/10.

PT New nucleic acids comprising intronic sequence of a human scavenger
PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
PT treatment of SR-BI associated diseases or conditions

PS Claim 36; Page 32; 103pp; English.
vxy

This probe is designed to detect a C/T polymorphism located at nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628). It hybridizes specifically to a nucleotide sequence wherein nucleotide 41 of exon 8 is thymidine. The invention is based on the discovery of the genomic structure of the human SR-BI gene (see AAX2590-601) and on the identification of polymorphic regions within the gene which are associated with abnormal body mass index (BMI) and abnormal lipoprotein levels and hence with disorders such as

CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 31 BP; 8 A; 6 C; 12 G; 5 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 10
 AAX24633
 ID AAX24633 standard; DNA; 31 BP.

AC AAX24633;

DT 21-JUN-1999 (first entry)

DE Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.

OS Synthetic.
 OS Homo sapiens.

PN WO902736-A2.

PD 21-JAN-1999.

PF 10-JUL-1998; 98WO-US14359.

PR 27-FEB-1998; 98US-0032894.

PR 10-JUL-1997; 97US-0890980.

PA (MILL-) MILLENNIUM PHARM INC.

PI Acton St;

PI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene, - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions

PS Claim 36; Page 33; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 41 of exon 8 is thymidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.

SQ Sequence 31 BP; 5 A; 12 C; 6 G; 8 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 1 TCACCTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 11
 AAX24635/C
 ID AAX24635 standard; DNA; 31 BP.

AC AAX24635;

DT 21-JUN-1999 (first entry)

DE Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.

OS Synthetic.
 OS Homo sapiens.

PN WO902736-A2.

PD 21-JAN-1999.

PF 10-JUL-1998; 98WO-US14359.

PR 27-FEB-1998; 98US-0032894.

PR 10-JUL-1997; 97US-0890980.

PA (MILL-) MILLENNIUM PHARM INC.

PI Acton St;

PI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene, - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions

PS Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 of exon 8 is cytidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.

SQ Sequence 31 BP; 7 A; 6 C; 12 G; 6 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 12
 AAX24637
 ID AAX24637 standard; DNA; 31 BP.
 XX
 AC AAX24637;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PP 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 41 of exon 8 is cytidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SO Sequence 31 BP; 6 A; 12 C; 6 G; 7 T; 0 other;
 XX
 QY Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 DB 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
 1 TCACTTCAATCAACGCCGACCGGTTCTGGCA 31

XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PP 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24555).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 119 of exon 3 is adenine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SO Sequence 31 BP; 10 A; 11 C; 5 G; 5 T; 0 other;
 XX
 QY Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 DB 457 GAGAGCGACTACATCGTCATGCCAATCC 487
 1 GAGAGCGACTACATCATCATGCCAATCC 31

RESULT 14
 AAD39293/C
 ID AAD39293 standard; DNA; 28 BP.
 XX
 AC AAD39293;
 XX
 DT 04-OCT-2002 (first entry)
 XX
 DE Human genomic DNA amplifying reverse primer #4.
 XX
 KM Human; single nucleotide polymorphism; SNP; tumour necrosis factor;
 KM detection; PCR; primer; ss.
 XX
 OS Homo sapiens.
 XX

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PN WO200234883-A2.
XX
PD 02-MAY-2002.
XX
PF 27-OCT-2001; 2001WO-US50857.
XX
PR 27-OCT-2000; 2000US-243952P.
XX 01-DEC-2000; 2000US-250434P.
XX
PA (ADVI-) ADVION BIOSCIENCES INC.
XX
PI Zhang S, Van Pelt CK, Schultz GA;
XX
DR WPI; 2002-479718/51.
XX
PT Detecting single nucleotide polymorphisms in a sample by coupling
XX polymerase chain reaction amplification step, a phosphatase digestion
XX step, and a primer extension step consecutively in single container -
XX
PS Example 3; Page 46; 106pp; English.
XX
CC The present invention relates to a method of detecting single nucleotide
XX polymorphisms (SNP) in a sample. The method involves coupling polymerase
XX chain reaction amplification step, a phosphatase digestion step (or a
XX molecular weight-selective filter step) and a primer extension step
XX involving use of nucleotide analogues, in order, followed by electrospray
XX mass spectrometry detection of a single nucleotide polymorphism bases.
XX The method is useful for detecting SNPs in a sample. The method provides
XX a means to quantitate a minor or mutant allele frequency in the presence
XX of a second dominant allele present at a higher frequency. The process
XX is a particularly useful and powerful technique for disease association
XX and linkage studies. It can be used to determine the single nucleotide
XX variations of any target nucleic acid molecule, including RNA, double-
XX stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA
XX hybrids. The present DNA sequence is a PCR primer used for amplifying
XX human genomic DNA. This sequence is used in the exemplification of the
XX invention.
XX
SQ Sequence 28 BP; 5 A; 11 C; 7 G; 5 T; 0 other;
XX
Query Match 2.0%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
OY 1120 GACCGGTTCTGGCAGAAAGCGGTGACTG 1147
DB 28 GACCGGTTCTGGCAGAAAGCGGTGACTG 1
XX
RESULT 15
AAK24574/C
ID AAK24574 standard; DNA; 31 BP.
XX
AC AAK24574;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
XX Synthetic.
XX OS Homo sapiens.
XX
XX PN WO9902735-A2.
XX
XX 21-JAN-1999.
XX

```

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PF 10-JUL-1998; 98WO-US14354.
XX
XX 27-FEB-1998; 98US-0031626.
XX 10-JUL-1997; 97US-0890979.
XX
XX (MILL-) MILLENNIUM PHARM INC.
XX (TUFT) UNIV TUFTS.
XX
PI Acton SL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
XX identifying allelic variants of a polymorphic region of the SR-BI
XX gene
XX
PS Example 2; Page 32; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
XX nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
XX It hybridises specifically to a nucleotide sequence wherein
XX CC nucleotide 119 is adenine. The invention is based on the
XX CC discovery of the genomic structure of the human SR-BI gene (see
XX CC AAK24498-509) and on the identification of polymorphic regions within
XX CC the gene which are associated with abnormal body mass index (BMI)
XX CC and abnormal lipoprotein levels and hence with disorders such as
XX CC obesity, cachexia, cardiovascular disorders and gallstone formation.
XX CC The invention provides methods for determining whether a subject
XX CC has, or is at risk of developing, a disease associated with a
XX CC specific allele of a polymorphic region of an SR-BI gene. Kits
XX CC comprising the relevant probe or primer are claimed.
XX CC (updated on 20-MAR-2003 to correct PA field.)
XX
SQ Sequence 31 BP; 6 A; 5 C; 11 G; 9 T; 0 other;
XX
Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 3.8;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
OY 457 GAGAGCGACTACATCATGTCATGCCAATGCC 487
DB 31 GAGAGCGTCTACATCATCATGCCAATGCC 1
XX
RESULT 16
AAK24578/C
ID AAK24578 standard; DNA; 31 BP.
XX
AC AAK24578;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
XX Synthetic.
XX OS Homo sapiens.
XX
XX PN WO9902735-A2.
XX
XX 21-JAN-1999.
XX
XX 10-JUL-1998; 98WO-US14354.
XX
XX 27-FEB-1998; 98US-0031626.
XX 10-JUL-1997; 97US-0890979.
XX

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PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUPT) UNIV TUPITS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 32; 102pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).
 CC It hybridizes specifically to a nucleotide sequence wherein
 CC nucleotide 119 is guanine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 XX
 SQ Sequence 31 BP; 6 A; 5 C; 12 G; 8 T; 0 other;
 XX
 Query Match 1.9%; Score 27.8; DB 1; Length 31;
 Best Local Similarity 93.5%; Pred. No. 3.8;
 Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 XX
 QY 457 GAGAGGACTACATGTCATGCCCAACATCC 487
 DB 31 GAGAGGCTTACATCTCATGCCCAACATCC 1
 XX
 RESULT 17
 AAX24666/C
 ID AAX24666 standard; DNA; 31 BP.
 XX
 AC AAX24666;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; se.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX

PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24555).
 CC It hybridizes specifically to a nucleotide sequence wherein
 CC nucleotide 119 of exon 3 is adenine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC
 XX
 SQ Sequence 31 BP; 6 A; 5 C; 11 G; 9 T; 0 other;
 XX
 Query Match 1.9%; Score 27.8; DB 1; Length 31;
 Best Local Similarity 93.5%; Pred. No. 3.8;
 Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 XX
 QY 457 GAGAGGACTACATGTCATGCCCAACATCC 487
 DB 31 GAGAGGCTTACATCTCATGCCCAACATCC 1
 XX
 RESULT 18
 AAX24670/C
 ID AAX24670 standard; DNA; 31 BP.
 XX
 AC AAX24670;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; se.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24555).
 CC

CC	It hybridises specifically to a nucleotide sequence wherein
CC	nucleotide 119 of exon 3 is guanine. The invention is based on
CC	the discovery of the genomic structure of the human SR-BI gene (see
CC	AA24550-601) and on the identification of polymorphic regions within
CC	the gene which are associated with abnormal body mass index (BMI)
CC	and abnormal lipoprotein levels and hence with disorders such as
CC	obesity, cachexia, cardiovascular disorders and gallstone formation.
CC	The invention provides methods for determining whether a subject
CC	has, or is at risk of developing, a disease associated with a
CC	specific allele of a polymorphic region of an SR-BI gene. Kits
CC	comprising the relevant probe or primer are claimed.
SO	Sequence 31 BP; 6 A; 5 C; 12 G; 8 T; 0 other;
OY	Query Match 1.9%; Score 27.8; DB 1; Length 31; Best Local Similarity 93.5%; Pred. No. 3.8; Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB	457 GAGAGCGACTCATGTCATGCCCAACATCC 487 31 GAGAGCGTCTACATCTCATGCCCAACATCC 1
RESULT 19	
ID	AAD39292 standard; DNA; 26 BP.
XX	AAD39292;
AC	
DT	04-OCT-2002 (first entry)
XX	
DE	Human genomic DNA amplifying forward SNP PCR primer.
XX	
KW	Human; single nucleotide polymorphism; SNP; tumour necrosis factor;
OS	detection; PCR; primer; ss.
XX	
WO	Homo sapiens.
XX	
PN	WO200234883-A2.
XX	
PD	02-MAY-2002.
PF	27-OCT-2001; 2001WO-US50857.
PR	
PR	27-OCT-2000; 2000US-243952P.
XX	
PA	01-DEC-2000; 2000US-250434P.
XX	
ADV	(ADV-) ADVION BIOSCIENCES INC.
XX	
Zhang S,	Van Pelt CK, Schultz GA;
XX	
WI	PI; 2002-479718/51.
XX	
PT	Detecting single nucleotide polymorphisms in a sample by coupling
PT	polymetase change reaction amplification step, a phosphatase digestion
XX	step, and a primer extension step consecutively in single container -
PS	
XX	Example 3; Page 46; 106pp; English.
XX	
CC	The present invention relates to a method of detecting single nucleotide
CC	polymorphisms (SNP) in a sample. The method involves coupling polymerase
CC	chain reaction amplification step, a phosphatase digestion step (or a
CC	molecular weight-selective filter step) and a primer extension step
CC	involving use of nucleotide analogues, in order, followed by electrospray
CC	mass spectrometry detection of a single nucleotide polymorphism bases.
CC	The method is useful for detecting SNPs in a sample. The method provides
CC	a means to quantitate a minor or mutant allele frequency in the presence
CC	of a second dominant allele present at a higher frequency. The process
CC	is a particularly useful and powerful technique for disease association
CC	and linkage studies. It can be used to determine the single nucleotide
CC	variations of any target nucleic acid molecule, including RNA, double-
CC	stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA
CC	hybrids. The present DNA sequence is a PCR primer used for amplifying

```

CC human genomic DNA. This sequence is used in the exemplification of the
CC invention.
XX
XX
SQ Sequence 26 BP; 4 A; 14 C; 1 G; 7 T; 0 other;
1.8%; Score 26; DB 1; Length 26;
Query Match 100.0%; Pred. No. 5.4;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY 1093 CTCTCCCATCTCTCACTCTCTCAAGCC 1118
DB 1 CTCTCCCATCTCTCACTCTCTCAAGCC 26
RESULT 20
AD339289
ID AAD339289 standard; DNA; 22 BP.
XX
XX AC AAD339289;
XX
XX 04-OCT-2002 (first entry)
DE Human genomic DNA amplifying forward PCR primer #5.
XX
XX Human; single nucleotide polymorphism; SNP; tumour necrosis factor;
XX detection; PCR; primer; ss.
XX
XX Homo sapiens.
XX OS
XX WO200234883-A2.
XX
XX 02-MAY-2002.
PD 27-OCT-2001; 2001WO-US50857.
PP
PR 27-OCT-2000; 2000US-243952P.
PR 01-DEC-2000; 2000US-250434P.
XX
XX (ADVT-) ADVION BIOSCIENCES INC.
XX
XX Zhang S, Van Pelt CK, Schultz GA;
XX WPI; 2002-479718/51.
XX
XX Detecting single nucleotide polymorphisms in a sample by coupling
XX polymerase chain reaction amplification step, a phosphatase digestion
XX step, and a primer extension step consecutively in single container -
XX
XX Example 3; Page 46; 106pp; English.
XX
XX The present invention relates to a method of detecting single nucleotide
XX polymorphisms (SNP) in a sample. The method involves coupling polymerase
XX chain reaction amplification step, a phosphatase digestion step (or a
XX molecular weight-selective filter step) and a primer extension step
XX involving use of nucleotide analogues, in order, followed by electrospray
XX mass spectrometry detection of a single nucleotide polymorphism bases.
XX The method is useful for detecting SNPs in a sample. The method provides
XX a means to quantitate a minor or mutant allele frequency in the presence
XX of a second dominant allele present at a higher frequency. The process
XX is a particularly useful and powerful technique for disease association
XX and linkage studies. It can be used to determine the single nucleotide
XX variations of any target nucleic acid molecule, including RNA, double-
XX stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA
XX hybrids. The present DNA sequence is a PCR primer used for amplifying
XX human genomic DNA. This sequence is used in the exemplification of the
XX invention.
SQ Sequence 22 BP; 2 A; 9 C; 1 G; 10 T; 0 other;
Query Match 1.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY	1088	TGTTTCTCTCCATCTCACTT	1109
DB	1	TGTTTCTCTCCATCTCACTT	22
RESULT 21			
ID	AAD39290	standard; DNA; 22 BP.	
AC	AAD39290;		
XX	04-OCT-2002	(first entry)	
DT			
XX		Human genomic DNA amplifying forward PCR primer #6.	
DE			
XX		Human; single nucleotide polymorphism; SNP; tumour necrosis factor;	
KW		detection; PCR; primer; ss.	
KW			
XX			
OS		Homo sapiens.	
XX			
FH	Key	Location/Qualifiers	
FT	misc_feature	1	
FT		/tag= a	
FT		/note= "This base is shown as N in the sequence	
FT		shown as SEQ ID NO: 19 in the sequence listing	
FT		of the specification"	
XX			
PN	WO200234883-A2.		
XX			
PD	02-MAY-2002.		
XX			
PF	27-OCT-2001; 2001WO-US50857.		
XX			
PR	27-OCT-2000; 2000US-243952P.		
XX			
PR	01-DEC-2000; 2000US-250434P.		
XX			
PA	(ADVI-) ADVION BIOSCIENCES INC.		
XX			
F1	Zhang S, Van Pelt CK, Schultz GA,		
DR	WPI; 2002-479718/51.		
XX			
PT	Detecting single nucleotide polymorphisms in a sample by coupling		
PT	polymerase change reaction amplification step, a phosphatase digestion		
PT	step, and a primer extension step consecutively in single container -		
XX			
PS	Example 3; Page 46; 106pp; English.		
XX			
CC	The present invention relates to a method of detecting single nucleotide		
CC	polymorphisms (SNP) in a sample. The method involves coupling polymerase		
CC	chain reaction amplification step, a phosphatase digestion step (or a		
CC	molecular weight-selective filter step) and a primer extension step		
CC	involving use of nucleotide analogues, in order, followed by electrospray		
CC	mass spectrometry detection of a single nucleotide polymorphism bases.		
CC	The method is useful for detecting SNPs in a sample. The method provides		
CC	a means to quantitate a minor or mutant allele frequency in the presence		
CC	of a second dominant allele present at a higher frequency. The process		
CC	is a particularly useful and powerful technique for disease association		
CC	and linkage studies. It can be used to determine the single nucleotide		
CC	variations of any target nucleic acid molecule, including RNA, double-		
CC	stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA		
CC	hybrids. The present DNA sequence is a PCR primer used for amplifying		
CC	human genomic DNA. This sequence is used in the exemplification of the		
CC	invention.		
SO	Sequence 22 BP; 2 A, 9 C, 1 G, 10 T, 0 other;		
Query Match	1.5%; Score 22; DB 1; Length 22;		
Best Local Similarity	100.0%; Pred. No. 18;		
Matches 22; Conservative	0; Mismatches	0; Indels	0; Gaps
0Y	1088	TGTTTCTCTCCATCTCACTT	1109

```

Db      1 TGTTCCTCTCCATCCTCACT 22

RESULT 22
AAAX24575
ID      AAX24575 standard; DNA; 21 BP.
XX
XX      AAX24575;
AC
XX
DT      20-MAR-2003 (updated)
DT      21-JUN-1999 (first entry)
XX
XX      Human SR-BI gene exon 3 probe.
DB
XX
KW      SR-BI; human; polymorphism; cardiovascular disorder; tachemia;
KW      resenosis; congestive heart failure; atherosclerosis; cholesterol;
KW      low density lipoprotein; LDL; high density lipoprotein; HDL;
KW      diagnosis; body mass index; obesity; cachexia; gallstone;
KW      variant; probe; hybridisation; ss.
XX
XX      Synthetic.
OS
OS      Homo sapiens.
FN
FN      MO9902735-A2.
PD
PD      21-JAN-1999.
XX
XX      10-JUL-1998; 98MO-US14354.
PF
PF      27-FEB-1998; 98US-0031626.
PR      10-JUL-1997; 97US-0890979.
XX
XX      (MILL-) MILLENNIUM PHARM INC.
PA      (TUFT) UNIV TUFTS.
XX
XX      Acton St, Ordovas JM;
PI
PI      WPI, 1999-120935/10.
XX
XX
XX      Detecting genetic predisposition for body mass disorders - by
PT      identifying allelic variants of a polymorphic region of the SR-BI
PT      gene
XX
XX      Example 2, Page 32, 102pp, English.
PS
XX
XX      This probe is designed to detect an A/G polymorphism located at
CC      nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).
CC      It hybridises specifically to the complement of a nucleotide
CC      sequence wherein nucleotide 119 is adenine. The invention is
CC      based on the discovery of the genomic structure of the human SR-BI
CC      gene (see AAX24498-509) and on the identification of polymorphic
CC      regions within the gene which are associated with abnormal body
CC      mass index (BMI) and abnormal lipoprotein levels and hence with
CC      disorders such as obesity, cachexia, cardiovascular disorders and
CC      gallstone formation. The invention provides methods for
CC      determining whether a subject has, or is at risk of developing, a
CC      disease associated with a specific allele of a polymorphic region
CC      of an SR-BI gene. Kits comprising the relevant probe or primer are
CC      claimed.
CC      (Updated on 20-MAR-2003 to correct PA field.)
XX
XX
SO      Sequence 21 BP; 7 A; 8 C; 2 G; 4 T; 0 other;

Query Match      1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred.No. 46;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      462 CGACTACATCGTCATGCCAA 482
      |||||||
      1 CGACTACATCATGCCCA 21

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AAK24579
ID AAK24579 standard; DNA; 21 BP.
XX
AC AAK24579;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM variant; probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98MO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNITV TUFTS.
XX
PI Acton SL, Ordovae JW;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 33; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
CC It hybridises specifically to the complement of a nucleotide
CC sequence wherein nucleotide 119 is guanine. The invention is
CC based on the discovery of the genomic structure of the human SR-BI
CC gene (see AAK24498-509) and on the identification of polymorphic
CC regions within the gene which are associated with abnormal body
CC mass index (BMI) and abnormal lipoprotein levels and hence with
CC disorders such as obesity, cachexia, cardiovascular disorders and
CC gallstone formation. The invention provides methods for
CC determining whether a subject has, or is at risk of developing, a
CC disease associated with a specific allele of a polymorphic region
CC of an SR-BI gene. Kits comprising the relevant probe or primer are
CC claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
XX
SQ Sequence 21 BP; 6 A; 9 C; 2 G; 4 T; 0 other;

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 46;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

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RESULT 24
AAK24667
ID AAK24667 standard; DNA; 21 BP.
XX
AC AAK24667;

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XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO902736-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98MO-US14359.
XX
PR 27-FEB-1998; 98US-0032894.
PR 10-JUL-1997; 97US-0890980.
XX
PA (MILL-) MILLENNIUM PHARM INC.
XX
PI Acton SL;
XX
DR WPI; 1999-120936/10.
XX
PT New nucleic acids comprising intronic sequence of a human scavenger
PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
PT treatment of SR-BI associated diseases or conditions
XX
PS Claim 36; Page 32; 103pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24555).
CC It hybridises specifically to the complement of a sequence wherein
CC nucleotide 119 of exon 3 is adenine. The invention is based on
CC the discovery of the genomic structure of the human SR-BI gene (see
CC AAK24590-601) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 21 BP; 7 A; 8 C; 2 G; 4 T; 0 other;

Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 46;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

```

```

RESULT 25
AAK24671
ID AAK24671 standard; DNA; 21 BP.
XX
AC AAK24671;
XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;

```

KW diagnosis; body mass index; obesity; cachexia; gallstone;
 XX probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 XX
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR MPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 119 of exon 3 is guanine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24536-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC
 SQ Sequence 21 BP; 6 A; 9 C; 2 G; 4 T; 0 other;
 XX
 QY Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 46;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 Db 462 CGACTACATCGTCATGCCCA 482
 1 CGACTACATCGTCATGCCCA 21
 XX
 RESULT 26
 AAX24538/c
 ID AAX24538 standard; DNA; 20 BP.
 XX
 AC AAX24538;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; lechaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO902735-A2.

XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 XX
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI (TUFT) UNIV TUFTS.
 XX
 PI Acton SL; Ordovae JM;
 XX
 DR MPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 is thymidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 SQ Sequence 20 BP; 5 A; 4 C; 8 G; 3 T; 0 other;
 XX
 QY Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 61;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 Db 1109 TCCTCAACGCCGACCCGGTT 1128
 20 TCCTCAACGCCGACCCGGTT 1
 XX
 RESULT 27
 AAX24540
 ID AAX24540 standard; DNA; 20 BP.
 XX
 AC AAX24540;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; lechaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14354.
 XX

PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 DR WPI, 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridizes specifically to the complement of a nucleotide
 CC sequence wherein nucleotide 41 is thymidine. The invention is
 CC based on the discovery of the genomic structure of the human SR-BI
 CC gene (see AAX24498-509) and on the identification of polymorphic
 CC regions within the gene which are associated with abnormal body
 CC mass index (BMI) and abnormal lipoprotein levels and hence with
 CC disorders such as obesity, cachexia, cardiovascular disorders and
 CC gallstone formation. The invention provides methods for
 CC determining whether a subject has, or is at risk of developing, a
 CC disease associated with a specific allele of a polymorphic region
 CC of an SR-BI gene. Kits comprising the relevant probe or primer are
 CC claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 CC Sequence 20 BP; 3 A; 8 C; 4 G; 5 T; 0 other;
 SQ
 QY Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 61;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 DB 1109 TCCTCAACGCCGACCCCGTT 1128
 1 TCCTCAACGCCGACCCCGTT 20
 RESULT 28
 AAX24542/C
 ID AAX24542 standard; DNA; 20 BP.
 XX
 AC AAX24542;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PD 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.

PA (TUFT) UNIV TUFTS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI, 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridizes specifically to a nucleotide sequence wherein
 CC nucleotide 41 is cytidine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 CC Sequence 20 BP; 4 A; 4 C; 8 G; 4 T; 0 other;
 SQ
 QY Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 61;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 DB 1109 TCCTCAACGCCGACCCCGTT 1128
 20 TCATCAACGCCGACCCCGTT 1
 RESULT 29
 AAX24544
 ID AAX24544 standard; DNA; 20 BP.
 XX
 AC AAX24544;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PD 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 XX
 DR WPI, 1999-120935/10.

XX Detecting genetic predisposition for body mass disorders - by
PT Identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX Example 2; Page 33; 102pp; English.
XX This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
CC It hybridises specifically to the complement of a nucleotide
CC sequence wherein nucleotide 41 is cytidine. The invention is
CC based on the discovery of the genomic structure of the human SR-BI
CC gene (see AAX24498-509) and on the identification of polymorphic
CC regions within the gene which are associated with abnormal body
CC mass index (BMI) and abnormal lipoprotein levels and hence with
CC disorders such as obesity, cachexia, cardiovascular disorders and
CC gallstone formation. The invention provides methods for
CC determining whether a subject has, or is at risk of developing, a
CC disease associated with a specific allele of a polymorphic region
CC of an SR-BI gene. Kits comprising the relevant probe or primer are
CC claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
CC
SQ Sequence 20 BP; 4 A; 8 C; 4 G; 4 T; 0 other;
XX
XX Query Match 1.3%; Score 18.4; DB 1; Length 20;
XX Best Local Similarity 95.0%; Pred. No. 61;
XX Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
XX 1109 TCCTCAACGCCGACCCGGTT 1128
XX | | | | | | | | | | | | | | | | | | | | | |
XX 1 TCATCAACGCCGACCCGGTT 20
XX
XX RESULT 30
XX AAX24630/c
XX ID AAX24630 standard; DNA; 20 BP.
XX AC AAX24630;
XX XX
XX XX 21-JUN-1999 (first entry)
XX XX
XX DE Human SR-BI gene exon 8 probe.
XX XX
XX XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX XX restenosis; congestive heart failure; atherosclerosis; cholesterol;
XX XX low density lipoprotein; LDL; high density lipoprotein; HDL;
XX XX diagnosis; body mass index; obesity; cachexia; gallstone;
XX XX probe; hybridisation; ss.
XX XX
XX OS Synthetic.
XX OS Homo sapiens.
XX XX
XX PN MO9902736-A2.
XX XX
XX PD 21-JAN-1999.
XX XX
XX PF 10-JUL-1998; 98WO-US14359.
XX XX
XX PR 27-FEB-1998; 98US-0032894.
XX PR 10-JUL-1997; 97US-0890980.
XX XX
XX PA (MILL-) MILLENNIUM PHARM INC.
XX XX
XX PI Acton St;
XX XX
XX DR WPI; 1999-120936/10.
XX XX
XX PT New nucleic acids comprising intronic sequence of a human scavenger
XX PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
XX PT treatment of SR-BI associated diseases or conditions
XX XX
XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
CC It hybridises specifically to a nucleotide sequence wherein
CC nucleotide 41 of exon 8 is thymidine. The invention is based on
CC the discovery of the genomic structure of the human SR-BI gene (see
CC AAX24590-601) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 20 BP; 5 A; 4 C; 8 G; 3 T; 0 other;
XX
XX Query Match 1.3%; Score 18.4; DB 1; Length 20;
XX Best Local Similarity 95.0%; Pred. No. 61;
XX Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
XX 1109 TCCTCAACGCCGACCCGGTT 1128
XX | | | | | | | | | | | | | | | | | | | | | |
XX 20 TCCTCAACGCTGACCCGGTT 1
XX
XX RESULT 31
XX AAX24632
XX ID AAX24632 standard; DNA; 20 BP.
XX AC AAX24632;
XX XX
XX XX 21-JUN-1999 (first entry)
XX XX
XX DE Human SR-BI gene exon 8 probe.
XX XX
XX XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX XX restenosis; congestive heart failure; atherosclerosis; cholesterol;
XX XX low density lipoprotein; LDL; high density lipoprotein; HDL;
XX XX diagnosis; body mass index; obesity; cachexia; gallstone;
XX XX probe; hybridisation; ss.
XX XX
XX OS Synthetic.
XX OS Homo sapiens.
XX XX
XX PN MO9902736-A2.
XX XX
XX PD 21-JAN-1999.
XX XX
XX PF 10-JUL-1998; 98WO-US14359.
XX XX
XX PR 27-FEB-1998; 98US-0032894.
XX PR 10-JUL-1997; 97US-0890980.
XX XX
XX PA (MILL-) MILLENNIUM PHARM INC.
XX XX
XX PI Acton St;
XX XX
XX DR WPI; 1999-120936/10.
XX XX
XX PT New nucleic acids comprising intronic sequence of a human scavenger
XX PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
XX PT treatment of SR-BI associated diseases or conditions
XX XX
XX XX Claim 36; Page 33; 103pp; English.
XX XX
XX CC This probe is designed to detect a C/T polymorphism located at
XX CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
XX CC It hybridises specifically to the complement of a sequence wherein
XX CC nucleotide 41 of exon 8 is thymidine. The invention is based on
XX CC the discovery of the genomic structure of the human SR-BI gene (see
XX CC AAX24590-601) and on the identification of polymorphic regions within
XX CC the gene which are associated with abnormal body mass index (BMI)

CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.

SQ Sequence 20 BP; 3 A; 8 C; 4 G; 5 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 61; Mismatches 0; Gaps 0;

Matches 19; Conservative 0; Indels 1; Gaps 0;
1109 TCCTCAACGCCGACCCGGTT 1128
1 TCCTCAACGCCGACCCGGTT 20

RESULT 32

AA24634/c
ID AAX24634 standard; DNA; 20 BP.

AC AAX24634;

XX 21-JUN-1999 (first entry)

XX Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX reestenosis; congestive heart failure; atherosclerosis; cholesterol;
XX low density lipoprotein; LDL; high density lipoprotein; HDL;
XX diagnosis; body mass index; obesity; cachexia; gallstone;
XX probe; hybridisation; ss.

XX Synthetic.

OS Homo sapiens.

XX WO9902736-A2.

XX 21-JAN-1999.

XX 10-JUL-1998; 98WO-US14359.

XX 27-FEB-1998; 98US-0032894.

XX 10-JUL-1997; 97US-0890980.

XX (MILL-) MILLERINUM PHARM INC.

XX Acton SL;

XX WPI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger
XX receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
XX treatment of SR-BI associated diseases or conditions

XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
XX nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).

XX It hybridises specifically to a nucleotide sequence wherein
XX nucleotide 41 of exon 8 is cytidine. The invention is based on
XX the discovery of the genomic structure of the human SR-BI gene (see
XX AAX24590-601) and on the identification of polymorphic regions within
XX the gene which are associated with abnormal body mass index (BMI)
XX and abnormal lipoprotein levels and hence with disorders such as
XX obesity, cachexia, cardiovascular disorders and gallstone formation.
XX The invention provides methods for determining whether a subject
XX has, or is at risk of developing, a disease associated with a
XX specific allele of a polymorphic region of an SR-BI gene. Kits
XX comprising the relevant probe or primer are claimed.

SQ Sequence 20 BP; 4 A; 4 C; 8 G; 4 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 61; Mismatches 0; Gaps 0;

Matches 19; Conservative 0; Indels 1; Gaps 0;
1109 TCCTCAACGCCGACCCGGTT 1128
20 TCATCAACGCCGACCCGGTT 1

RESULT 33

AA24636
ID AAX24636 standard; DNA; 20 BP.

AC AAX24636;

XX 21-JUN-1999 (first entry)

XX Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX reestenosis; congestive heart failure; atherosclerosis; cholesterol;
XX low density lipoprotein; LDL; high density lipoprotein; HDL;
XX diagnosis; body mass index; obesity; cachexia; gallstone;
XX probe; hybridisation; ss.

XX Synthetic.

OS Homo sapiens.

XX WO9902736-A2.

XX 21-JAN-1999.

XX 10-JUL-1998; 98WO-US14359.

XX 27-FEB-1998; 98US-0032894.

XX 10-JUL-1997; 97US-0890980.

XX (MILL-) MILLERINUM PHARM INC.

XX Acton SL;

XX WPI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger
XX receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
XX treatment of SR-BI associated diseases or conditions

XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
XX nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).

XX It hybridises specifically to the complement of a sequence wherein
XX nucleotide 41 of exon 8 is cytidine. The invention is based on
XX the discovery of the genomic structure of the human SR-BI gene (see
XX AAX24590-601) and on the identification of polymorphic regions within
XX the gene which are associated with abnormal body mass index (BMI)
XX and abnormal lipoprotein levels and hence with disorders such as
XX obesity, cachexia, cardiovascular disorders and gallstone formation.
XX The invention provides methods for determining whether a subject
XX has, or is at risk of developing, a disease associated with a
XX specific allele of a polymorphic region of an SR-BI gene. Kits
XX comprising the relevant probe or primer are claimed.

SQ Sequence 20 BP; 4 A; 8 C; 4 G; 4 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 61; Mismatches 0; Gaps 0;

Matches 19; Conservative 0; Indels 1; Gaps 0;
1109 TCCTCAACGCCGACCCGGTT 1128
1 TCATCAACGCCGACCCGGTT 20

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RESULT 34
AAA71328
ID AAA71328 standard; DNA; 25 BP.
XX
AC AAA71328;
XX
DT 24-NOV-2000 (first entry)
XX
DE P. horikoshii OT3 cellobiohydrolase associated protein PCR primer #1.
XX
KM Cellulohydrolase; poly(D-glucopyranose) decomposition; glucose;
KW cellulose breakdown; PCR primer; 88.
XX
OS Pyrococcus horikoshii.
XX
PN WO200039288-A1.
XX
PD 06-JUL-2000.
XX
PF 14-DEC-1999; 99WO-JP07009.
XX
PR 24-DEC-1998; 98JP-0366237.
XX
PA (TAKI ) TAKARA SHUZO CO LTD.
XX
PI Takayama M, Umeda K, Koyama N, Asada K, Kato I;
XX
DR WPI; 2000-452391/39.
XX
PS
XX
PT Polypeptides with heat-resistant cellobiohydrolase activity for
PT efficient breakdown of cellulose biomass -
XX
PS Example 5; Page 45; 50pp; Japanese.
XX
CC This invention describes a novel polypeptide originating in Pyrococcus
CC horikoshii OT3 which has cellobiohydrolase activity. The polypeptide of
CC the invention is capable of decomposing poly(D-glucopyranose) having
CC beta-1,4 bonds and can be used for the efficient and straightforward
CC breakdown of cellulose biomass to glucose. This sequence represents a PCR
CC primer used in the amplification of the gene encoding the P. horikoshii
CC OP3 cellobiohydrolase associated protein described in the method of the
CC invention.
XX
SQ Sequence 25 BP; 6 A; 5 C; 8 G; 6 T; 0 other;
XX
Query Match 1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 97;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1329 GGGCATGGAGGGGAGACTCTTC 1351
DB 2 GGGCATGGAGGGGAGACTCTTC 24
XX
RESULT 35
AAK24573/C
ID AAK24573 standard; DNA; 21 BP.
XX
AC AAK24573;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; 88.
XX

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OS Synthetic.
OS Homo sapiens.
XX
PN MO9902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNIV TUFTS.
XX
PI Acton BL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 32; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
CC It hybridises specifically to a nucleotide sequence wherein
CC nucleotide 119 is adenine. The invention is based on the
CC discovery of the genomic structure of the human SR-BI gene (see
CC AAK24498-509) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ (updated on 20-MAR-2003 to correct PA field.)
XX
SQ Sequence 21 BP; 5 A; 2 C; 8 G; 6 T; 0 other;
XX
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 83;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 462 CGACTACATCGTCATGCCCA 482
DB 21 CGCTACATCATCATGCCCA 1
XX
RESULT 36
AAK24577/C
ID AAK24577 standard; DNA; 21 BP.
XX
AC AAK24577;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; 88.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN MO9902735-A2.
XX

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PD 21-JAN-1999.
 XX
 XX 10-JUL-1998; 98WO-US14354.
 PF
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT Identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 32; 102pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 is guanine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 9 G; 5 T; 0 other;
 XX
 Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATCGTCATGCCAA 482
 DB 21 CGCTCATCATCCTCATGCCAA 1
 XX
 RESULT 37
 AAX24665/c
 ID AAX24665 standard; DNA; 21 BP.
 XX
 AC AAX24665;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 PF 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 PR

XX
 XX (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24655).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 of exon 3 is adenine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 8 G; 6 T; 0 other;
 XX
 Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATCGTCATGCCAA 482
 DB 21 CGCTCATCATCCTCATGCCAA 1
 XX
 RESULT 38
 AAX24669/c
 ID AAX24669 standard; DNA; 21 BP.
 XX
 AC AAX24669;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 PF 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 PA (MILL-) MILLENNIUM PHARM INC.
 PA Acton SL;
 PI
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger

PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 XX Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AXX24655).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 of exon 3 is guanine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AXX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 9 G; 5 T; 0 other;
 Query Match 1.2%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATGCTCATGCCCA 462
 DB 21 CGCTCATCTCTCATGCCCA 1
 RESULT 39
 ID ABEK5973/C
 ID ABEK5973 standard; DNA; 24 BP.
 AC ABEK5973;
 DT 02-JUL-2002 (first entry)
 XX
 DE Human gene specific PCR primer #61.
 KW Primer; ss; DNA microarray; differential expression analysis; human.
 OS Homo sapiens.
 PN US6352829-B1.
 PD 05-MAR-2002.
 PF 05-JAN-1999; 99US-0225928.
 PR 21-MAY-1997; 97US-0859998.
 PA (CLON-) CLONTECH LAB INC.
 PI Chenchik A, Johhadze G, Bidilashvili R;
 XX WPI; 2002-314699/35.
 DR
 XX
 PT Producing sub-population of labeled nucleic acids, useful for analysing
 PT differences in RNA profiles between several different physiological
 PT sources, using set of distinct gene specific primers -
 XX
 PS Example 3; SEQ ID No 61; 11pp; English.
 CC The invention relates to producing a sub-population of labeled nucleic
 CC acids (NAs) comprising contacting a NA sample from a physiological
 CC source, with a pool of 50 distinct gene specific primers under suitable
 CC conditions to enzymatically generate sub-population of NAs, where
 CC each gene specific primer has a sequence complementary to a distinct
 CC mRNA, and each labeled NA is generated using a single gene specific
 CC primer. The method is useful for producing a sub-population of labeled
 CC NAs which is useful for analysing the differences in the RNA profiles
 CC between several different physiological sources, where the method

CC comprises producing subpopulation of labeled NAs for the different
 CC physiological sources, comprising the populations for each physiological
 CC source to identify differences in the population, where the comparison
 CC is preferably performed by hybridising the labeled NAs for each of the
 CC distinct physiological sources to an array of probe NAs stably
 CC associated with the surface of a substrate to produce a hybridisation
 CC pattern for each of the sources, and comparing the patterns for each of
 CC the sources, where differential gene expression assays are
 CC utilised in differential expression analysis of diseased a normal
 CC tissue e.g. neoplastic a normal tissue, or different tissue or
 CC subissue types. The present sequence is a human gene specific PCR
 CC primer used in the method of the invention.
 CC Note: The sequence data for this patent did not form part
 CC of the printed specification, but was obtained in electronic
 CC format directly from USPTO at
 CC <http://ipo.segdata.uspto.gov/sequence.html?DocID=635282991>.
 XX
 SQ Sequence 24 BP; 7 A; 3 C; 11 G; 3 T; 0 other;
 Query Match 1.2%; Score 17.8; DB 1; Length 24;
 Best Local Similarity 90.5%; Pred. No. 1.1e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 706 AACTCGACTCTGGGCTCTTC 726
 DB 21 AACTCCTCTCTGGGCTCTTC 1
 RESULT 40
 ID ABS61660
 ID ABS61660 standard; DNA; 24 BP.
 AC ABS61660;
 DT 05-NOV-2002 (first entry)
 XX
 DE Analyte sorting tag sequence #132.
 KW Analyte sorting oligonucleotide tag; ss.
 OS Synthetic.
 PN WO200259355-A2.
 PD 01-AUG-2002.
 PF 25-JAN-2002; 2002WO-CA00089.
 PR 25-JAN-2001; 2001US-263710P.
 PR 10-JUL-2001; 2001US-303799P.
 PA (TMBI-) TM BIOSCIENCE CORP.
 PI Kobler D, Fieldhouse D;
 XX WPI; 2002-619176/66.
 DR
 XX
 PT Polynucleotides comprising minimally cross-hybridising nucleotide
 PT sequences, useful as tags or tag complements for use in a wide variety
 PT of research, medical or industrial applications, e.g. in diagnostic
 PT assays or DNA sequencing -
 XX
 PS Example 2; Page 60; 120pp; English.
 CC The invention relates to a composition, which comprises molecules for use
 CC as tags or tag complements. Each molecule comprises an oligonucleotide
 CC selected from a set of oligonucleotides based on numeric identifiers
 CC (numerals 1-3) corresponding to the pattern of nucleotide bases present
 CC in 1168 nucleotide sequences fully defined in the specification. These
 CC oligonucleotides were found to be non-cross hybridising. The composition
 CC is useful as a tag or tag complement, in analysing a biological sample
 CC for the presence of a mutation or polymorphism at a locus in a nucleic
 CC acid, and in determining the presence of a target suspected of being

CC contained in a mixture. Also for use in a wide variety of research,
 CC medical, or industrial applications, e.g. identification of disease-
 CC related polynucleotides in diagnostic assays, screening for clones of
 CC novel target polynucleotides, identification of specific polynucleotide
 CC in blots of mixtures of polynucleotides, therapeutic blocking of
 CC inappropriately expressed genes or DNA sequencing. The polynucleotides
 CC of the composition are particularly useful in methods involving highly
 CC parallel processing of analyses. The use of the polynucleotides provides
 CC minimal cross-hybridization or cross-talk during the sorting process.
 CC Thus, any sequence within the family of sequences will not significantly
 CC cross-hybridize with any other sequence derived from that family,
 CC making it suitable for highly parallel processing of analyses.
 CC ABS61529-ABS62696 represent oligonucleotide tags of the invention.

XX Sequence 24 BP; 8 A; 0 C; 6 G; 10 T; 0 other;
 SQ
 Query Match 1.2%; Score 17.6; DB 1; Length 24;
 Best Local Similarity 83.3%; Pred. No. 1.1e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1471 GAGAAATGCAATTTATTTGAGACT 1494
 Db 1 GAGAAATGTAATATTAGTACT 24

RESULT 41
 AA276920/C
 ID AA276920 standard; DNA; 19 BP.

XX AA276920;
 AC
 XX
 XX
 DT 10-SEP-2001 (first entry)

DE Human biallelic marker downstream amplification primer SEQ ID NO:11276.

XX Human genome; biallelic marker; high density disequilibrium map;
 KW genomic map; haplotype; phenotype; polymorphic base; genotyping;
 KW haplotyping; hybridisation; identification; characterisation;
 KW amplification; single nucleotide polymorphism; SNP; PCR primer;
 KW diagnosis; ss.

XX Homo sapiens.

OS MO9954500-A2.

XX 28-OCT-1999.

PF 21-APR-1999; 99WO-1B00822.

PR 21-APR-1998; 98US-0082614.

PR 23-NOV-1998; 98US-0109732.

XX (GEST) GENSTRT.

PI Cohen D, Blumenfeld M, Chumakov I;

DR WPI; 2000-013267/01.

XX Novel biallelic markers used to construct a high density disequilibrium
 PT map of the human genome -
 XX
 PS Claim 9; Page 2634; 2745bp; English.

CC AA265654 to AA269578 represent human biallelic markers from the present
 CC invention, which contain a polymorphic base at position 24 of their
 CC nucleotide sequences. AA269579 to AA277440 represent amplification
 CC primers for the biallelic markers. The biallelic markers of the
 CC invention have a variety of uses: they can be used for high density
 CC mapping of the human genome, and in complex association studies and
 CC haplotyping studies which are useful in determining the genetic basis
 CC for disease states. Compositions and methods of the invention can also
 CC be useful for the identification of the targets for the development of
 CC pharmaceutical agents and diagnostic methods, as well as the

CC characterisation of the differential efficacious responses to and side
 CC effects from pharmaceutical agents acting on a disease as well as other
 CC treatment.
 CC N.B. The SEQ ID NOS 2852, 2913, 2974, 3035, 3096, 3157, 3227, 3297
 CC and 3367, are not actually given a sequence in the Sequence Listing
 CC from the present invention.

XX Sequence 19 BP; 7 A; 0 C; 7 G; 5 T; 0 other;
 SQ
 Query Match 1.2%; Score 17.4; DB 1; Length 19;
 Best Local Similarity 94.7%; Pred. No. 81;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1346 CTCTTCACATCTTCAC 1364
 Db 19 CTCTTCACATCTTCAC 1

RESULT 42
 AA30455/C
 ID AA30455 standard; DNA; 24 BP.

XX AA30455;
 AC
 XX
 XX
 DT 11-SEP-2000 (first entry)

DE Human nNOS PDZ domain PCR 3' primer.

XX Human; cellular adhesion molecule; ACAM; nootropic; antiepileptic;
 KW neuroleptic; renal-active; antidiabetic; neuroactive; neuroprotectant;
 KW dementia; epilepsy; schizophrenia; peripheral nerve injury;
 KW diabetic neuropathy; two-hybrid screening; nitric oxide synthetase;
 KW nNOS; synapse function; stroke neurotoxicity; PDZ domain; PCR primer;
 KW ss.

XX Homo sapiens.

OS WO200032633-A1.

XX 08-JUN-2000.

PF 02-DEC-1999; 99WO-US28878.

PR 02-DEC-1998; 98US-0203462.

XX (ICOS-) ICOS CORP.

PI Hoekstra DM, Loughney K, Stauton DE, Vazeux R;

DR WPI; 2000-422952/36.

XX Nucleic acids encoding ACAM, a human cellular adhesion molecule, useful
 PT for diagnosing, preventing and treating diseases associated with ACAM
 PT expression and activity, e.g. epilepsy and schizophrenia -
 XX
 PS Example 10; Page 120; 187bp; English.

CC The present sequence is a PCR primer used to generate the PDZ
 CC domain of nitric oxide synthetase (nNOS). nNOS is critical for synapse
 CC function but also mediates neurotoxicity in stroke and some
 CC neurodegenerative diseases. The nNOS PDZ domain binds PSD95, which is a
 CC scaffolding protein expressed in neurons. PSD95 localises nNOS to the
 CC NMDA receptor at the synapse and disruption of this interaction protects
 CC neurons from injury in rat models of stroke. A two-hybrid assay was
 CC carried out between the PDZ domains of nNOS and PSD95 and the cytoplasmic
 CC domain of ACAM, a novel cellular adhesion molecule. A positive
 CC interaction was observed, suggesting that ACAM plays a role in the
 CC nNOS/PSD95/NMDA receptor interaction. ACAM nucleotides and
 CC polynucleotides may therefore be used in the prevention, treatment and
 CC diagnosis of diseases associated with the nervous system such as
 CC dementia, epilepsy, schizophrenia, peripheral nerve injuries and diabetic
 CC neuropathies. They may be used to rectify mutations or deletions in a
 CC patient's genome that affect the activity of ACAM or to supplement

CC insufficient ACM production in a patient. Conversely, antisense nucleic acid molecules may be administered to down-regulate ACM expression. The CC nucleotide sequence may also be used as a DNA probe in diagnostic assays CC (e.g. PCR) to detect and quantitate the presence of similar nucleic acid CC sequences in samples, and hence determine which patients may be in need CC of restorative therapy. ACM polypeptides may be used as antigens in the CC production of antibodies against ACM and in assays to identify CC modulators (agonists and antagonists) of ACM expression and activity. CC

XX Sequence 24 BP; 4 A; 7 C; 6 G; 7 T; 0 other;

Query Match 1.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 AGAAGCTGACAGCTGAGGTT 1076
DB 22 AGAATGCGAGCCCTGACAGTT 1

RESULT 43
AAA60400/c
ID AAA60400 standard; DNA; 20 BP.

XX AAA60400;

XX 06-OCT-2000 (first entry)

XX Human telomerase antisense oligonucleotide hEST21 SEQ ID NO:1.

XX Human; telomerase; antisense oligonucleotide; inhibition; hEST2;
XX malignant tumour; cytostatic; telomerase inhibitor; liver cancer;
XX lung cancer; breast cancer; brain glioma; ss.

XX Homo sapiens.

XX WO200027858-A1.

XX 18-MAY-2000.

XX 29-OCT-1999; 99WO-CN00173.

XX 09-NOV-1998; 98CN-0124461.

XX (RADI-) INST RADIATION MEDICINE ACAD MILITARY MR.

XX Wang S, Zheng X, Zhu B, Xing R, Guan W, Sun Z;

XX WPI; 2000-376478/32.

XX Antisense oligonucleotides which inhibit human telomerase activity
XX useful in the inhibition of malignant tumor growth, used to treat e.g.
XX liver, lung and breast cancers and brain glioma.

XX Claim 2; Page 4; 32pp; Chinese.

CC AAA60400 to AAA60428 represent specifically claimed antisense
CC oligonucleotides (I) complementary to a part of the gene encoding a
CC protein subunit hEST2 of human telomerase that has reverse transcriptase
CC activity, or its transcriptional mRNA. Also described are: (1) a
CC pharmaceutical composition comprising (I); (2) a reagent kit for
CC detecting telomerase hEST2 RNA component or DNA encoding telomerase
CC hEST2 containing (I); and (3) preparing a drug for treating a tumour,
CC comprising the use of (I). The antisense oligonucleotides can inhibit
CC telomerase activity, applicable in inhibiting the growth of malignant
CC tumours e.g. for treatment of liver, lung and breast cancers and brain
CC glioma.

XX Sequence 20 BP; 4 A; 7 C; 8 G; 1 T; 0 other;

Query Match 1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGCTGCTGCTCTGCTGC 1438
DB 20 GCAGCGCTGCTGCTCTGCTGC 1

RESULT 44
AAS96610/c
ID AAS96610 standard; DNA; 20 BP.

XX AAS96610;

XX 09-APR-2002 (first entry)

XX Telomerase reverse transcriptase, antisense oligonucleotide #20.

XX Telomerase reverse transcriptase; TERT; cytostatic; apoptosis;
XX cell growth inhibitor; antisense oligonucleotide;
XX antisense technology; ss.

XX Homo sapiens.

XX Synthetic.

XX WO200188198-A1.

XX 22-NOV-2001.

XX 15-MAY-2001; 2001WO-US15774.

XX 16-MAY-2000; 2000US-0572423.

XX 07-DEC-2000; 2000US-0733294.

XX (ISIS-) ISIS PHARM INC.

XX Monla BP, Gaarde WA, Freier SM, Mancewicz B;

XX WPI; 2002-075321/10.

XX New compound targeted to nucleic acid molecule encoding telomerase
XX transcriptase (TERT), which specifically hybridises with and inhibits
XX expression of TERT, useful for modulating apoptosis and inhibiting cell
XX growth.

XX Claim 26; Page 90; 154pp; English.

CC The invention describes a compound, 8-50 nucleobases in length targeted
CC to a nucleic acid molecule encoding human TERT (telomerase reverse
CC transcriptase), where the compound specifically hybridises with and
CC inhibits the expression of TERT. A series of oligonucleotides were
CC designed to target different regions of the human TERT RNA. These were
CC 20 nucleotides in length and composed of a central gap region consisting
CC of ten 2'-deoxynucleotides, flanked on both sides (5' and 3' directions)
CC by five-nucleotide wings. The wings were composed of 2'-methoxyethyl
CC (2'-MOE) nucleotides. The compounds were analysed for their effect on
CC human TERT mRNA levels by reverse transcriptase (RT)-polymerase chain
CC reaction (PCR). The compound is useful for inhibiting the expression of
CC TERT in cells or tissues, for treating a human having disease or
CC condition associated with TERT, for modulating apoptosis, for inhibiting
CC cell growth (preferably, cancer cell growth), in antisense therapy and
CC for diagnostics and therapeutics. This sequence is an antisense
CC oligonucleotide used to modulate the activity of nucleic acid molecules
CC encoding TERT, described in the method of the invention.

XX Sequence 20 BP; 4 A; 7 C; 8 G; 1 T; 0 other;

Query Match 1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGCTGCTGCTCTGCTGC 1438
DB 20 GCAGCGCTGCTGCTCTGCTGC 1

```

RESULT 45
AAF97218
ID AAF97218 standard; DNA; 21 BP.
XX
XX AAF97218;
AC
XX
XX 06-JUN-2001 (first entry)
DT
XX
XX Human gene single nucleotide polymorphism #1979.
DE
XX
XX Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
KM polymorphism; vascular disease; coronary artery disease; forensics;
KM myocardial infarction; atherosclerosis; stroke; venous thromboembolism;
KM pulmonary embolism; paternity test; ds.
XX
XX Homo sapiens.
OS
XX
XX Key Location/Qualifiers
FH replace(11,A)
FT Variation /*tag= a
FT /standard_name= "single nucleotide polymorphism"
XX
XX W0200118250-A2.
XX
XX 15-MAR-2001.
XX
XX 07-SEP-2000; 2000MO-US24503.
XX
XX 10-SEP-1999; 99US-0153357.
XX 26-JUL-2000; 2000US-0220947.
XX 16-AUG-2000; 2000US-0225724.
XX
XX (MHD) WHITEHEAD INST BIOMEDICAL RES.
XX (MIL-) MILENNIUM PHARM INC.
XX
XX Lander ES, Gargill M, Ireland JS, Bolk S, Daley GQ, McCarthy JJ;
XX WPI; 2001-226749/23.
XX
XX Nucleic acids comprising single nucleotide polymorphisms, useful in
XX applications such as forensics, paternity testing, medicine, genetic
XX analysis and phenotype correlations to diseases such as diabetes and
XX atherosclerosis -
XX
XX Examples; Page 183; 242pp; English.
XX
XX The present invention provides a method of diagnosing a vascular disease
XX in an individual, involving determining the sequence at various
XX polymorphic sites within the human thrombospondin 1 and thrombospondin 4
XX genes. The sequences at a number of polymorphic sites are also provided
XX in the specification. In particular, the method can be used in the
XX diagnosis of atherosclerosis, myocardial infarction, coronary heart
XX disease, stroke, peripheral vascular diseases, venous thromboembolism
XX and pulmonary embolism. Single nucleotide polymorphisms (SNPs) are also
XX useful in forensics, paternity testing, genetic analysis and phenotype
XX correlations to diseases. The present sequence is an example of one of
XX the human gene SNPs shown in the specification.
XX
XX Sequence 21 BP; 4 A; 4 C; 4 G; 9 T; 0 other;
XX
XX Query Match 1.2%; Score 16.8; DB 1; Length 21;
XX Best Local Similarity 90.0%; Pred. No. 1.2e+02;
XX Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
XX 1477 TCGTATTATTGAGTAG 1496
XX | | | | | | | | | |
XX 1 TCTATTCAATTTGAGTAG 20
DB
XX
XX RESULT 46
XX ABA90717
XX ID ABA90717 standard; DNA; 23 BP.

```

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XX
XX ABA90717;
AC
XX
XX 16-MAY-2002 (first entry)
DT
XX
XX Lactococcus lactis oligonucleotide #196 used in Long Range PCR.
DE
XX
XX Biosynthesis; biodegradation; lactic bacterium; yogurt; cheese; ss.
XX
XX Lactococcus lactis IL1403.
OS
XX
XX FR2807446-A1.
XX
XX 12-OCT-2001.
XX
XX 11-APR-2000; 2000FR-0004630.
XX
XX 11-APR-2000; 2000FR-0004630.
XX
XX 11-APR-2000; 2000FR-0004630.
XX
XX (INRG) INRA INST NAT RECH AGRONOMIQUE.
XX
XX Bolotine A, Sorokine A, Renault P, Ehrlich SD;
XX WPI; 2002-043418/06.
XX
XX New nucleotide sequence useful in the identification of Lactococcus
XX lactis and related species -
XX
XX Example 1; SEQ ID No 2519; 2504pp; French.
XX
XX The present invention is related to a Lactococcus lactis nucleotide
XX sequence (ABA90521) and related proteins (ABBS3300-ABBS5621). The
XX nucleic acid sequence is useful in the detection and/or amplification of
XX Lactococcus lactis or related species. The proteins of the invention are useful for the
XX biosynthesis or biodegradation of a composition of interest. The
XX invention helps research in lactic bacteria, particularly useful in the
XX production of yogurt and cheese. The present sequence is an
XX oligonucleotide used in an example from the invention.
XX
XX Note: The sequence data for this patent is based on equivalent patent
XX W0200177334 (published 18-OCT-2001) which is available in electronic
XX format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.
XX
XX Sequence 23 BP; 8 A; 8 C; 3 G; 4 T; 0 other;
XX
XX Query Match 1.2%; Score 16.6; DB 1; Length 23;
XX Best Local Similarity 82.6%; Pred. No. 1.5e+02;
XX Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 370 AGCAATCTCCTTCAACAA 392
XX | | | | | | | | | |
XX 1 AGCAAGTTCACCTTCAACAA 23
DB
XX
XX RESULT 47
XX AAD09655/C
XX ID AAD09655 standard; DNA; 20 BP.
XX
XX AAD09655;
AC
XX
XX 10-SEP-2001 (first entry)
DT
XX
XX Human PKA C-alpha chimeric antisense oligonucleotide (ISIS# 102672).
DE
XX
XX Human; protein kinase A; PKA catalytic subunit C-alpha inhibitor;
XX therapy; infection; inflammation; tumour; prophylaxis; antisense;
XX phosphorothioate backbone; chimeric; ss.
XX
XX Chimeric - Homo sapiens.
XX
XX Chimeric - Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20

```



```

FT      /*tag= a
FT      /mod_base= OTHER
FT      /note= "Phosphorothioate backbone"
FT      modified_base
FT      1..5
FT      /*tag= b
FT      /mod_base= OTHER
FT      /note= "Methoxyethyl residues"
FT      misc_feature
FT      6..15
FT      /*tag= c
FT      /note= "Central gap region"
FT      modified_base
FT      16..20
FT      /*tag= d
FT      /mod_base= OTHER
FT      /note= "Methoxyethyl residues"
FT      modified_base
FT      19
FT      /*tag= e
FT      /mod_base= m5c
FT
FT      US6248586-B1.
FT
FT      19-JUN-2001.
FT
FT      17-DEC-1999; 99US-0467082.
FT
FT      17-DEC-1999; 99US-0467082.
FT
FT      (ISIS-) ISIS PHARM INC.
FT
FT      Monia BP, Cowseert LM;
FT
FT      WPI; 2001-407321/43.
FT
FT      Antisense oligonucleotides for inhibiting the expression of the human
PT      protein kinase A catalytic subunit C-alpha, particularly useful for
PT      preventing, delaying or treating infection, inflammation or tumor
PT      formation -
PT
PT      Example 16; Column 45; 35pp; English.
XX
XX      The invention is directed to antisense compounds, particularly
XX      oligonucleotides which are targeted to a DNA encoding human protein
XX      kinase A (PKA) catalytic subunit C-alpha to modulate (inhibit) its
XX      expression. The antisense compounds are useful for diagnostic,
XX      therapeutic, prophylaxis and as research reagents or kits. The
XX      antisense oligonucleotides are useful for treating human, suspected
XX      of having or being prone to a disease or condition associated with
XX      the expression of PKA catalytic subunit C-alpha. In particular, the
XX      antisense oligonucleotides are useful for preventing, delaying or
XX      treating infection, inflammation and tumour formation. They are
XX      also useful in antisense therapy. The present sequence is a chimeric
XX      antisense oligonucleotide with a phosphorothioate backbone. This
XX      oligo is targeted to the coding region of human PKA catalytic
XX      subunit C-alpha to inhibit its expression.
XX
XX      Sequence 20 BP; 5 A; 3 C; 6 G; 6 T; 0 other;
XX
XX      Query Match 1.2%; Score 16.4; DB 1; Length 20;
XX      Best Local Similarity 94.4%; Pred. No. 1.3e+02;
XX      Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
XX      663 GTTCCCTTCAGAGACA 680
XX      ||| ||| ||| ||| |||
XX      19 GTTCTCTTCAGAGACA 2
XX
XX      RESULT 48
XX      ABS59607
XX      ID ABS59607 standard; DNA; 22 BP.
XX
XX      ABS59607;
XX
XX      05-NOV-2002 (first entry)
XX

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```

DE      Real-time reverse PCR primer, used to determine NOV1 expression, #4.
XX
XX      Human; PCR; ss; SBC; NOV; immunosuppressive; hepatotropic;
XX      antiinflammatory; angiogenic-associated disorder; diagnostic;
XX      gene therapy; developmental disorder; immune disease;
XX      signal transduction pathway disorder; metabolic disorder;
XX      feeding disorder; obesity; wasting disorder; neurodegenerative disorder;
XX      Alzheimer's disease; Parkinson's disease; behavioural disorder; allergy;
XX      asthma; atherosclerosis; cardiomyopathy; angina pectoris;
XX      autoimmune disease; retinal disease; cirrhosis; diabetes;
XX      infectious disease; human immunodeficiency virus; HIV; cancer;
XX      hypertension; hypotension; multiple sclerosis; urinary retention;
XX      osteoporosis; Crohn's disease; ulcer; neurological disorder; anxiety;
XX      haemophilia; cirrhosis; immunogen; vaccine; primer.
XX
XX      Homo sapiens.
XX
XX      WO20025705-A2.
XX
XX      18-JUL-2002.
XX
XX      11-JAN-2002; 2002WO-US00609.
XX
XX      11-JAN-2001; 2001US-261013P.
XX      11-JAN-2001; 2001US-261014P.
XX      11-JAN-2001; 2001US-261016P.
XX      11-JAN-2001; 2001US-261026P.
XX      11-JAN-2001; 2001US-261029P.
XX      17-AUG-2001; 2001US-313170P.
XX      10-SEP-2001; 2001US-318410P.
XX
XX      (CURA-) CURAGEN CORP.
XX
XX      Mezes PS, Rastelli L, Herrmann JL, MacDougall JR, Zhong H;
XX      Casman SJ, Boldog F, Shinkets RA, Gorman L, Craaba OR, Mysore KK,
XX      Folckerts O, Martin GB, Risen A, Spaderina SK, Vermet CAM, Bergh C;
XX      Spytek KA, DiPippo VA, Zernusen BD, Peyman JA, Ellerman K;
XX      Stone DJ, Grose WM, Alsbrook JP, Lepley DM, Rieger DK,
XX      Burgess CR, Edinger S;
XX      WPI; 2002-550675/63.
XX
XX      Human SBCX/NOVX polypeptide useful for diagnosing, preventing or
PT      treating disorders associated with aberrant expression or activity of
PT      SBCX/NOVX nucleic acids and proteins e.g., diabetes -
XX
XX      Example 2; Page 377; 443pp; English.
XX
XX      The invention discloses the isolated human polypeptides, and
XX      polynucleotides encoding them, that have been designated SBCX and NOVX.
XX      The polypeptides can be used for treating, or delaying, the onset of an
XX      angiogenic-associated disorder or treating a pathological state in a
XX      subject, preferably a mammal. They can also be used in determining the
XX      presence of, or predisposition to, a disease associated with altered
XX      levels of the polypeptides and polynucleotides of any one of the 12
XX      sequences (SBC1-12), for raising antibodies, for identifying an agent
XX      that binds to, or that modulates the expression or activity of the
XX      polypeptide, for treating or preventing a NOVX-associated disorder
XX      (NOV1-8) and as a pharmaceutical composition comprising the polypeptide,
XX      polynucleotide or the antibody. The polypeptides and polynucleotides are
XX      useful in diagnostic applications where their amounts are assessed, or
XX      for the manufacture of a medicament (e.g. gene therapy) for treating or
XX      preventing disorders or syndromes such as developmental disorders, immune
XX      diseases, signal transduction pathway disorders, metabolic disorders,
XX      feeding disorders (including obesity), wasting disorders,
XX      neurodegenerative disorders (including Alzheimer's disease and
XX      Parkinson's disease), behavioural disorders, allergies, asthma,
XX      atherosclerosis, cardiomyopathy, angina pectoris, autoimmune diseases,
XX      retinal disease, cirrhosis, diabetes, infectious disease (bacterial,
XX      fungal, protozoal and viral e.g. human immunodeficiency virus, HIV),
XX      cancer (e.g. prostate cancer), hypertension, hypotension, multiple
XX      sclerosis, urinary retention, osteoporosis, Crohn's disease, ulcers,
XX      neurological disorders (e.g. anxiety), haemophilia or cirrhosis. They

```


CC (UGT2B4), UDP-glucuronosyl transferase 2B7 (UGT2B7), UDP-glucuronosyl
 CC transferase (UGT2B15), urokinase receptor (uPA), multidrug resistance
 CC 1 (MDR1), lactotransferrin (LTF), multidrug resistance associated
 CC protein 3 (MRP3), orphan nuclear receptor (NR1I2), or acetylcholine
 CC muscarinic receptor 1, 2, 3, 4, or 5 (CHMR1, CHMR2, CHMR3, CHMR4 or
 CC CHMR5) sequence. The polymorphisms in the human genes cited in the
 CC invention are useful as genetic linkage markers for locating and
 CC characterizing the genes that are responsible for specific traits within
 CC the genome and eventually identifying the genes responsible for a
 CC variety of disorder-related traits as a result of their e.g.,
 CC overexpression, constitutive expression, mutation or underexpression,
 CC which may be used in diagnosing and/or treating the disorders. The
 CC nucleic acid molecules comprising the polymorphic sequences contained
 CC in CYP4501A1, CYP4501A2, CYP4502E1, ABNT, EPXK2, GSTI2, NMMT, MCO2,
 CC NR1I2, STM, UGT2B4, UGT2B7, UGT2B15, AHR, MDR1 and/or MDR3 are useful
 CC for screening individuals for altered drug metabolism. The polymorphic
 CC sequences contained in CYP4501A1, CYP4501A2, AHR, MDR1 and/or MDR3 may
 CC also be used to screen individuals for susceptibility to cancer.
 CC Polymorphic sequences in ADRB1 or CHMR2 are used to screen for altered
 CC cardiovascular function, in CYP4501A1 or CYP4501A2 for altered
 CC colorectal tumours, in DAI or CHMR1 for altered central nervous system
 CC function, in PLAP and HMMT for altered pulmonary, immunological or
 CC haematological function, in KIX2 for altered serine protease activity in
 CC the prostate, in LTF for altered immunological or haematological
 CC function, in CHMR3, CHMR4 or CHMR5 for altered central and peripheral
 CC nervous system function. The present sequence represents a polymorphic
 CC DNA sequence of the invention.

SO Sequence 21 BP; 8 A; 5 C; 5 G; 3 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1456 CAATCCGAGCCAGAGGAAA 1476

DB 1 CAATTCCTGAGCCAGAGGAAA 21

RESULT 51
 AAH49107
 AAH49107 standard; DNA; 22 BP.

AC AAH49107;

DT 12-NOV-2001 (first entry)

DE Human MTHFR gene associated primer #1.

XX Neonate screening; prenatal screening; gene chip; diagnosis;
 KW phenylketonuria; maple syrup disease; galactosemia; homocysteinuria;
 KW medium-chain acyl-CoA-dehydrogenase deficiency; biotinidase deficiency;
 KW familial hypercholesterolemia; familial defective apolipoprotein-B;
 KW cystic fibrosis; Marfan syndrome; Smith-Lemli-Opitz syndrome;
 KW androgenital syndrome; ss.

OS Homo sapiens.

PN W0200153520-A2.

PD 26-JUL-2001.

PF 09-JAN-2001; 2001MO-EP00139.

PR 21-JAN-2000; 2000DE-1002446.

PA (CULL/) CULLEN P.

PS (SEBD/) SEBDORF U.

PI Cullen P, Seedorf U;

DR WPI; 2001-457616/49.

XX

PT DNA chip, useful for neonatal or prenatal screening for many genetic
 PT diseases simultaneously, carries oligonucleotides complementary to
 PT phenotypically relevant reference sequences -

PS Claim 4, Page 76; 101pp; German.

XX This invention describes a novel nucleotide support (A; gene chip) which
 CC carries a selection of oligonucleotides (I) that are identical, or
 CC complementary, to segments of reference sequences relevant to at least
 CC two genetically determined phenotypes. (A) are used for simultaneous
 CC diagnosis of at least two of the following diseases: phenylketonuria
 CC (maple syrup disease), galactosemia, homocysteinuria, biotinidase
 CC deficiency, medium-chain acyl-CoA-dehydrogenase deficiency, familial
 CC hypercholesterolemia, familial defective apolipoprotein-B, cystic
 CC fibrosis, Marfan syndrome, Smith-Lemli-Opitz syndrome and androgenital
 CC syndrome. Specifically they are used in neonatal or prenatal diagnosis.
 CC (A) require a relatively small number of separate hybridization regions
 CC (about 500 for testing for 21 specified disorders), so can be used for
 CC simultaneous testing for many diseases. Testing is quick, inexpensive,
 CC reliable and more sensitive than current physiological methods.
 CC AAH48868-AAH489166 represent oligonucleotides used to illustrate the
 CC method of the invention.

SO Sequence 22 BP; 8 A; 5 C; 7 G; 2 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 22;
 Best Local Similarity 85.7%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 178 AAGCAGCAGCTCCTTAAGAAC 198

DB 1 AAGCAGCTGGCCTGAAGAAC 21

RESULT 52
 ABZ77445
 ID ABZ77445 standard; DNA; 22 BP.

AC ABZ77445;

DT 28-MAY-2003 (first entry)

DE PCR primer used to amplify beta-actin cDNA.

XX Immobilized cell; progenitor cell; neural progenitor cell;
 KW brain injury; spinal cord injury; beta-actin; PCR; primer; ss.

OS Synthetic.

PN W02003014320-A2.

PD 20-FEB-2003.

PF 09-AUG-2002; 2002MO-US25389.

PR 10-AUG-2001; 2001US-311626P.

PA (CORR) CORNELL RES FOUND INC.

PS Goldman SA, Roy NS;

PI WPI; 2003-248021/25.

DR WPI; 2003-248021/25.

PT Immortalizing neural progenitor cells useful in treating injuries (e.g.

PT brain or spinal cord injuries), comprises providing a population of

PT progenitor cells and immortalizing the cells before or after they are

PT enriched or purified

PS Example 5; Page 23; 55pp; English.

CC The specification describes a method of immortalizing progenitor cells,
 CC including neural progenitor cells. The method comprises providing a
 CC population of progenitor cells and immortalizing the population of the

CC progenitor cells either before or after they are enriched or purified.
 CC The method is useful in immortalizing neural progenitor cells that may
 CC be used in treating injuries (e.g. brain or spinal cord injuries) and
 CC other diseases. PCR primers AB27745-46 were used to amplify cDNA
 CC encoding beta-actin from immortalized cells of the invention.
 CC
 SQ Sequence 22 BP; 6 A; 8 C; 3 G; 5 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 22;
 Best Local Similarity 85.7%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 CACACATTCCTACCTGAGCTG 1371
 DB 2 CACACCTCTACATGAGCTG 22

RESULT 53
 AA231280/C
 ID AA231280 standard; DNA; 20 BP.

XX AA231280;

XX 24-JAN-2000 (first entry)

XX CCR5 gene inhibiting antisense oligo AS(6)-37.

XX HIV cofactor inhibitor; HIV infection; CXCR4 gene; CCR5 gene;

XX drug composition; antisense; ss.

XX Synthetic.

XX MO9951751-A1.

XX 14-OCT-1999.

XX 01-APR-1999; 99WO-JP01722.

XX 02-APR-1998; 98JP-0125452.

XX (MARI-) MARINE BIO CO LTD.

XX Takaku H, Yamamoto N, Kimura T, Takai K, Wada A;

XX WPI; 1999-620207/53.

PT Antisense oligonucleotide-based HIV cofactor inhibitors, as drug
 PT compositions for treatment of HIV infection

PS Claim 6; Page 16; 59pp; Japanese.

XX The invention provides HIV cofactor inhibitors that contain
 CC oligonucleotides with a base sequence complementary to the CXCR4 or CCR5
 CC genes. Such inhibitors can be formulated into drug compositions for
 CC prevention or treatment of HIV infection, with inhibition of expression
 CC of CXCR4 or/and CCR5 gene. Sequences AA231244-306 represent antisense
 CC oligonucleotides to the CCR5 gene.
 CC

SQ Sequence 20 BP; 5 A; 8 C; 7 G; 0 U; 0 other;

Query Match 1.1%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1295 TGGTCTCTGCGCGCTGCT 1310
 DB 16 TGGTCTCTGCGCGCTGCT 1

RESULT 54
 AAQ27920/C
 ID AAQ27920 standard; DNA; 20 BP.

AC AAQ27920;
 XX
 DT 25-MAR-2003 (updated)
 DT 11-FEB-1993 (first entry)
 XX
 XX PCR primer for pBR322.
 XX

XX Synthetic; MclII; PCR; amplification; human beta-globin; ss.

OS Synthetic.

PN EP502589-A2.

PD 09-SEP-1992.

PP 04-MAY-1992; 92EP-0201245.

PR 28-MAR-1985; 85US-0716975.

PR 25-OCT-1985; 85US-0791308.

PR 07-FEB-1986; 86US-0828144.

XX (HOFF) HOFFMANN LA ROCHE & CO AG F.

XX Arndelm N, Brlich HA, Horn GT, Mullis KB, Saiki RK;

XX Scharf SJ;

XX WPI; 1992-301902/37.

XX Kit for amplification and detection of specific nucleic acid

XX sequences - used to characterise or detect sequences associated

XX with infectious diseases, genetic disorders and cellular

XX disorders

XX Example 9; Page 20; 41pp; English.

XX The synthetic oligomer was used as a PCR primer to amplify a 1000

XX base pair sequence of pBR322, a plasmid contg. a 1.9 kb insert

XX from human beta-globin A allele.

XX See also AAQ27899-38.

XX (updated on 25-MAR-2003 to correct PN field.)

XX Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;

QY 1419 GCTGGGCTGCGGCTGCTG 1437
 DB 20 GCTGGGCTGCGGCTGCTG 2

RESULT 55
 AAQ28633/C
 ID AAQ28633 standard; DNA; 20 BP.

XX AAQ28633;

XX 25-MAR-2003 (updated)

XX 19-FEB-1993 (first entry)

XX pBR322 primer 3.

XX Polymerase chain reaction; PCR; amplify; pBR322; NruI; ss.

XX Synthetic.

XX EP505012-A2.

XX 23-SEP-1992.

XX 27-MAR-1986; 92EP-0201244.

```

PR 28-MAR-1985; 85US-0716975.
PR 25-OCT-1985; 85US-0791308.
PR 07-FEB-1986; 86US-0828144.
XX
PA (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
PI Mullis KB;
XX
DR WPI; 1992-317915/39.
XX
PT Method for amplifying specific nucleic acid sequences - useful
PT for diagnosis of infectious diseases, genetic disorders and
PT cellular disorders such as cancer
XX
PS Disclosure; Page 18; 36pp; English.
XX
CC The sequences given in AAQ28633 and AAQ28629 were used within the scope
CC of the invention to amplify a 100 bp fragment of plasmid pBR322. The
CC template molecule used was an NruI digest of pBR322. The method
CC of the invention allows the exponential amplification of at least one
CC specific nucleic acid sequence contained in a nucleic acid or a
CC mixture of nucleic acids where each nucleic acid consists of 2
CC complementary strands of equal or unequal length, or is single
CC stranded. Primers are selected so as to provide a complementary
CC sequence to each of the specific sequences being amplified.
CC (Updated on 25-MAR-2003 to correct PN field.)
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGGCTGCGTCTGCTG 1437
DB 20 GCTGGGCTGCGTCTGCTG 2

RESULT 56
AAQ27747/c
ID AAQ27747 standard; DNA; 20 BP.
XX
XX AAQ27747;
AC
XX
DT 25-MAR-2003 (updated)
DT 10-MAR-1993 (first entry)
XX
DE PCR primer to amplify pBR322 1000bp fragment.
XX
XX Polymerase chain reaction; mutagenesis; Phage T7 promoter; ss.
XX
XX Synthetic.
XX
XX EP509612-A2.
XX
PD 21-OCT-1992.
XX
XX 27-MAR-1986; 92EP-0201243.
XX
XX 28-MAR-1985; 85US-0716975.
XX
XX 25-OCT-1985; 85US-0791308.
XX
XX 07-FEB-1986; 86US-0828144.
XX
XX (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
XX Arnheim N, Etlich HA, Horn GT, Mullis KB, Saiki RK;
XX
XX Schaf SJ;
XX
XX WPI; 1992-351269/43.
XX
XX Amplifying and detecting nucleic acid sequences - by heating
XX sample with oligo:nucleotide primer, denaturing, reannealing with

```

```

PT oligo:nucleotide primers and detecting the resulting amplified
PT sequence
XX
XX Example 9C; Page 20; 42pp; English.
XX
CC This primer can be used with AAQ27745 to amplify a 1000bp fragment of
CC plasmid pBR322. See also AAQ27744 and AAQ27746.
CC (Updated on 25-MAR-2003 to correct PN field.)
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGGCTGCGTCTGCTG 1437
DB 20 GCTGGGCTGCGTCTGCTG 2

RESULT 57
AAQ29444/c
ID AAQ29444 standard; DNA; 20 BP.
XX
XX AAQ29444;
AC
XX
DT 25-MAR-2003 (updated)
DT 03-MAR-1993 (first entry)
XX
DB pBR322 PCR primer.
XX
XX Polymerase chain reaction; human beta-globin; ss.
XX
XX Synthetic.
XX
XX EP502588-A2.
XX
XX 09-SEP-1992.
XX
XX 04-MAY-1992; 92EP-0201226.
XX
XX 28-MAR-1985; 85US-0716975.
XX
XX 25-OCT-1985; 85US-0791308.
XX
XX (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
XX Mullis KB;
XX
XX WPI; 1992-333322/41.
XX
XX Amplifying specific nucleic acid sequences - using extension
XX prod. synthesised from one primer to serve as template for
XX another primer
XX
XX Example; Page 19; 37pp; English.
XX
CC The sequence is that of a PCR primer used to amplify a 1000 bp fragment
CC of an NruI digest of pBR322 containing a 1.9 kb insert from the human
CC beta-globin A allele. It is used as part of a process for amplifying
CC specific nucleic acid sequences using the extension prod. synthesised
CC from one primer to serve as the template for another primer. This
CC process can be used in the detection and/or characterisation of
CC specific nucleic acid sequences associated with infectious diseases
CC such as those caused by bacteria, viruses and protozoa. Genetic
CC disorders such as those caused by specific deletions and/or mutations
CC in genomic DNA or cellular disorders such as cancer. The process can
CC be used to improve the efficiency of cloning of nucleic acid, for
CC obtaining large amts. of the desired sequence from a mixt. of nucleic
CC acids resulting from an imperfect chemical synthesis or for introducing
CC in vitro mutations into a specific sequence.
CC See also AAQ29405-Q29408, AAQ29425-Q29449 and AAQ28078-Q28086.
CC (Updated on 25-MAR-2003 to correct PN field.)

```

CC (Updated on 25-MAR-2003 to correct PF field.)
 XX
 SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1419 GCTGGGCTGCTGCTGCTG 1437
 DB 20 GCTGGGCTGCTGCTGCTG 2
 RESULT 58
 AAZ71260/C
 ID AAZ71260 standard; DNA; 20 BP.
 AC AAZ71260;
 DT 10-SEP-2001 (first entry)
 XX
 DE Human biallelic marker upstream amplification primer SEQ ID NO:5616.
 XX
 KM Human genome; biallelic marker; high density disequilibrium map;
 KM genomic map; haplotype; phenotype; polymorphic base; genotyping;
 KM haplotyping; hybridisation; identification; characterisation;
 KM amplification; single nucleotide polymorphism; SNP; PCR primer;
 KM diagnosis; ss.
 XX
 OS Homo sapiens.
 OS
 PN WO954500-A2.
 XX
 PD 28-OCT-1999.
 XX
 PF 21-APR-1999; 99WO-IB00822.
 XX
 PR 21-APR-1998; 98US-0082614.
 PR 23-NOV-1998; 98US-0109732.
 XX
 PA (BEST) GENSET.
 PI Cohen D, Blumenfeld M, Chumakov I;
 XX
 DR WPI; 2000-013267/01.
 PT Novel biallelic markers used to construct a high density disequilibrium
 map of the human genome -
 PS
 XX
 SQ Claim 8; Page 1426; 2745pp; English.
 CC AA265654 to AA269578 represent human biallelic markers from the present
 CC invention, which contain a polymorphic base at position 24 of their
 CC nucleotide sequences. AA269579 to AA277440 represent amplification
 CC primers for the biallelic markers. The biallelic markers of the
 CC invention have a variety of uses: they can be used for high density
 CC mapping of the human genome, and in complex association studies and
 CC haplotyping studies which are useful in determining the genetic basis
 CC for disease states. Compositions and methods of the invention can also
 CC be useful for the identification of the targets for the development of
 CC pharmaceutical agents and diagnostic methods, as well as the
 CC characterisation of the differential efficacious responses to and side
 CC effects from pharmaceutical agents acting on a disease as well as other
 CC treatment.
 CC N.B. The SEQ ID NOs 2852, 2913, 2974, 3035, 3096, 3157, 3227, 3297
 CC and 3367, are not actually given a sequence in the sequence listing
 CC from the present invention.
 CC
 SQ Sequence 20 BP; 4 A; 1 C; 7 G; 8 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 CATCACTTCAACAAAC 393
 DB 19 CATCAGTTCAACAAAC 1
 RESULT 59
 AAF74114/C
 ID AAF74114 standard; DNA; 20 BP.
 AC AAF74114;
 DT 30-APR-2001 (first entry)
 XX
 DE Primer #48.
 XX
 KM Solute carrier family 6 neurotransmitter transporter, section 4;
 KM SLC6A4; genotyping; allele specific oligonucleotide; ss.
 XX
 OS Homo sapiens.
 OS
 PN WO200109161-A1.
 XX
 PD 08-FEB-2001.
 XX
 PF 31-JUL-2000; 2000WO-US20638.
 XX
 PR 29-JUL-1999; 99US-0146290.
 XX
 PA (GENA-) GENAISSANCE PHARM INC.
 PI Denton RR, Duda A, Nandabalan K, Sanchis A, Stephens JC;
 XX
 DR WPI; 2001-123317/13.
 XX
 PT New isolated polynucleotide comprising a polymorphic variant for the
 PT solute carrier family 6 neurotransmitter transporter, serotonin member
 PT 4 gene for identifying drugs for treating disorders related to
 PT expression of the protein -
 XX
 PS Example 1; Page 36; 152pp; English.
 XX
 CC The present invention relates to a polymorphic variant of a reference
 CC sequence for the solute carrier family 6 neurotransmitter
 CC transporter, serotonin member 4 (SLC6A4) gene or a fragment of it
 CC or a sequence complementary to the first sequence.
 CC The invention is used in producing a recombinant organism
 CC that can be used to express SLC6A4 for protein structure analysis and
 CC binding studies. A composition comprising a genotyping oligonucleotide
 CC is used to detect a polymorphism in the SLC6A4 gene.
 CC
 SQ Sequence 20 BP; 6 A; 2 C; 9 G; 3 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 548 CCTTGCATTACCAACCT 566
 DB 19 CCTTGCATTACCAACCT 1
 RESULT 60
 AAH88822/C
 ID AAH88822 standard; DNA; 21 BP.
 AC AAH88822;
 DT 27-FEB-2002 (first entry)
 XX
 DE Human polymorphic oligonucleotide X55071 fragment.
 XX
 KM Human; single nucleotide polymorphic; SNP; forensic science;

KW paternity testing; phenotypic traits; genetic mapping; animal breeding;
 XX plant breeding; ds.
 OS Homo sapiens.
 PH Key Location/Qualifiers
 FT Variation replace(11,t)
 FT /tag= a
 XX /standard_name= "single nucleotide polymorphism"
 PN MO200134840-A2.
 PD 17-MAY-2001.
 PF 10-NOV-2000; 2000MO-US30766.
 PR 10-NOV-1999; 99US-0164596.
 PA (GLAXO) GLAXO GROUP LTD.
 PA (AFRY-) AFRYMETRIX INC.
 PI Au K, Chen J, Patil N, Thomas D;
 XX WPI, 2001-335945/35.
 DR New polymorphic sites derived from the human genome are useful to
 XX determine sites correlating with phenotypic traits, particularly
 PT disease, and also in forensics and paternity testing -
 XX
 PS Claim 29; Page 7; 43pp; English.
 CC The present invention relates to human oligonucleotides comprising a
 CC single nucleotide polymorphic site (SNP: AAH8797-AAH89219). The present
 CC sequence is one such oligonucleotide. The oligonucleotides can be used in
 CC forensics, paternity testing, correlation of polymorphisms with
 CC phenotypic traits, genetic mapping of phenotypic traits and marker
 CC assisted breeding of animals and crop plants.
 SQ Sequence 21 BP; 3 A; 5 C; 9 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 1.7e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1378 ATGCCAGAGGTGATGCACT 1396
 DB 19 ATGCCAGAGGTGATGCACT 1
 RESULT 61
 ACC42182
 ID ACC42182 standard; DNA; 21 BP.
 XX
 AC ACC42182;
 XX
 DT 21-MAY-2003 (first entry)
 XX
 DE Human cytochrome c oxidase subunit VIIa PCR primer SEQ ID NO:23.
 XX
 KW Intrinsic reporter; cell signalling; drug profile; toxicity screening;
 KW signal transduction pathway; diabetes; cancer; neuropsychiatric disorder;
 KW chronic pain; acute pain; gastrointestinal disorder; PCR primer; ss.
 XX
 OS Homo sapiens.
 OS Synthetic.
 PN WO2003016327-A1.
 XX
 PD 27-FEB-2003.
 PF 14-AUG-2002; 2002MO-US25772.
 XX
 PR 14-AUG-2001; 2001US-312220P.
 XX

PR 26-SEP-2001; 2001US-324895P.
 XX
 PA (MOUN) MOUNT SINAI SCHOOL MEDICINE.
 XX
 PI Sealton S, Numbach E, Yuen T;
 XX
 DR HPI, 2003-268296/26.
 XX
 PT New solid substrate comprising several polymers or 50-1000 different
 PT nucleic acids coupled to the solid substrate in a different known
 PT location, useful for high content drug profiling and toxicity screening
 XX
 PS Disclosure; Page 46; 86pp; English.
 XX
 CC The present invention describes a solid substrate comprising several
 CC polymers or 50-1000 different nucleic acids coupled to the solid
 CC substrate in a different known location. Also described: (1) identifying
 CC a gene(s) that is/are up-regulated by an agent; and (2) selecting a
 CC candidate compound. The solid substrate comprising the intrinsic
 CC reporters of cell signalling are useful for high content drug profiling
 CC and toxicity screening. The methods are useful for identifying set of
 CC genes that can be used in the initial stages of signal transduction
 CC pathways. The intrinsic reporters of cell signalling are also useful for
 CC identifying potential drugs that can be used to modulate conditions or
 CC diseases that are due to malfunctioning of one or more signal
 CC transduction pathways, e.g. diabetes, cancer, neuropsychiatric disorders,
 CC chronic and acute pain, or gastrointestinal disorders. ACC42160 to
 CC ACC42281 represent oligonucleotide sequences which are used in the
 CC exemplification of the present invention.
 SQ Sequence 21 BP; 6 A; 2 C; 9 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 1.7e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1130 TGGCAGAGAGGTGACTGG 1148
 DB 3 TGGCAGAGAGGTGACTGG 21
 RESULT 62
 ABR6685/c
 ID ABR6685 standard; DNA; 22 BP.
 XX
 AC ABR6685;
 XX
 DT 28-AUG-2002 (first entry)
 XX
 DE Human ELC RT-PCR primer #1.
 XX
 KW ELC; RT-PCR; primer; ss; human; dendritic cell; interleukin 15;
 KW autoantigen; autoimmune disease; juvenile diabetes; infectious disease;
 KW rheumatoid arthritis; systemic lupus erythematosus; vaccine;
 KW ankylosing spondylitis; multiple sclerosis; myasthenia gravis;
 KW reverse transcription.
 XX
 OS Homo sapiens.
 XX
 PN WO200240647-A1.
 XX
 PD 23-MAY-2002.
 PF 14-NOV-2000; 2000MO-US31465.
 XX
 PR 14-NOV-2000; 2000MO-US31465.
 XX
 PA (USGA) US ARMY MEDICAL RES INST INFECTIOUS DISB.
 XX
 PI Ulrich RG, Salikh KU;
 XX
 DR WPI, 2002-508324/54.
 XX

XX Producing cultures of dendritic cells useful for inducing
 PT T-cell-mediated immune response to antigen in a subject by contacting
 PT monocytes obtained from a tissue source with differentiating amount of
 PT interleukin-15
 PS
 PS Disclosure; Page 25; 49pp; English.

XX This invention relates to a novel method for producing cultures of
 CC dendritic cells (DC). The method of the invention involves obtaining
 CC monocytes from a tissue source, and contacting the monocytes with a
 CC sufficient amount of interleukin-15 (IL-15) for a sufficient period of
 CC time to result in differentiation of monocytes into DC. The method of
 CC the invention may be used for providing immunity in a subject against
 CC an antigen e.g., a peptide such as viral peptide, bacterial peptide,
 CC parasitic peptide or cancer cell peptide. Modified antigens produced by
 CC a method of the invention are useful for inducing an immune response to
 CC a native antigen. The modified antigens are also useful for activating
 CC T-cells which involves presenting the antigens to the T-cells in vitro
 CC or in situ. An autotigen produced using the method of the invention is
 CC useful for treating an individual with an autoimmune disease, such that
 CC tolerance to the autotigen is produced in the individual. A modified
 CC antigen is useful for immunising animals or humans to prevent or treat
 CC disease. An autotigen can be used for treating an autoimmune disease
 CC such as juvenile diabetes, myasthenia gravis, rheumatoid arthritis,
 CC systemic lupus erythematosus, ankylosing spondylitis, multiple
 CC sclerosis. A vaccine is useful for immunising against diseases in humans
 CC or animals, and for treating infectious diseases including mycobacteria,
 CC bacteria, parasites and viruses. Using the method of the invention, the
 CC DC's are obtained in sufficient quantities to be used to treat or
 CC immunise animals or humans. In addition the DC may be obtained in
 CC sufficient quantities to be useful as reagents to modify antigens in a
 CC manner to make the antigens more effective as T-cell dependent antigens.
 CC By being able to prepare DC in large numbers, other previously
 CC unexplored areas of dendritic function may not be determined. The
 CC present sequence represents an E1C cytokine specific reverse
 CC transcription (RT) PCR primer used to amplify the E1C gene in
 CC experiments to measure transcriptional activation of chemokine genes in
 CC the dendritic cells of produced using the method of the invention.

XX
 SO Sequence 22 BP; 3 A; 11 C; 3 G; 5 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 22;
 Best Local Similarity 89.5%; Pred. No. 1.9e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCATGAGGGGCG 1342
 DB 19 AGCAGGGCCATGAGGGGTG 1

RESULT 63
 ACAS4780/C
 ID ACAS4780 standard; DNA; 22 BP.

XX
 AC ACAS4780;
 AC
 XX
 DT 05-JUN-2003 (first entry)
 XX
 DE Human NF-kappaB associated polynucleotide PCR primer #37.

XX Human; nuclear factor-kappaB; NF-kappaB; immune disorder; cancer;
 KW inflammatory disorder; apoptosis; hepatic disorder; Hodgkin's lymphoma;
 KW haematopoietic tumour; hyper-igm syndrome; viral infection; asthma;
 KW hypohidrotic ectodermal dysplasia; human immunodeficiency virus; HIV;
 KW X-linked anhidrotic ectodermal dysplasia; al incontinentia pigmenti;
 KW influenza; rheumatoid arthritis; inflammatory bowel disease; colitis;
 KW atherosclerosis; cachexia; euthyroid sick disease; stroke; EAE;
 KW experimental allergic encephalomyelitis; autoimmune disorder; wound;
 KW hyper immune activity; acute phase response; hypercongenital condition;
 KW birth defect; necrotic lesion; organ transplant rejection; pancreas;
 KW signal transduction; hyperproliferative disorder; diabetes mellitus;
 KW vitamin B12 malabsorption; neurological disorder; Huntington's chorea;

KW Turner's syndrome; bacterial infection; cardiovascular disorder;
 KW infertility; psoriasis; hemolytic anaemia; anti-inflammatory; anti-HIV;
 KW cytosarcoma; hepatotropic; virucide; antirheumatic; antiallergic;
 KW antiaesthetic; immunomodulator; antidiabetic; antibacterial;
 KW neuroprotective; immunosuppressive; vulnerary; antibacterial;
 KW antifertility; antianemic; antiproliferative; cerebroprotective;
 KW candiant; antarteriosclerotic; PCR; primer; ss.

XX
 XX Homo sapiens.
 XX
 XX WO200286076-A2.
 XX
 XX 31-OCT-2002.
 XX
 XX 19-APR-2002; 2002WO-US12636.
 XX
 XX 19-APR-2001; 2001US-284962P.
 XX
 XX 26-APR-2001; 2001US-286645P.
 XX
 XX 09-JAN-2002; 2002US-346986P.
 XX
 XX (BRIM) BRISTOL-MYERS SQUIBB CO.
 XX
 XX Carman J, Fader J, Nadler S;
 XX
 XX WPI; 2003-093119/08.

PT Novel NF-kappaB-associated polypeptides and polynucleotides useful for
 PT diagnosing, treating and preventing cancer, hepatic disorders, aberrant
 PT apoptosis, viral infections, autoimmune disorders, asthma and stroke -
 PS Example 3; Page 341; 608pp; English.

XX
 CC The present invention relates to the isolation of human nuclear
 CC factor-kappaB (NF-kappaB) associated polypeptides and polynucleotides.
 CC The NF-kappaB associated polypeptide and polynucleotide sequences
 CC are useful for preventing, treating or ameliorating various disorders
 CC including immune disorders, inflammatory disorders, cancers,
 CC disorders relating to aberrant apoptosis, hepatic disorders,
 CC Hodgkin's lymphomas, haematopoietic tumours, hyper-igm syndromes,
 CC hypohidrotic ectodermal dysplasia, X-linked anhidrotic ectodermal
 CC dysplasia, immunodeficiency, al incontinentia pigmenti, viral
 CC infections (e.g. those caused by human immunodeficiency virus (HIV),
 CC C. human T-cell lymphotropic virus (HTLV), hepatitis B, hepatitis C,
 CC Epstein Barr virus (EBV), influenza), rheumatoid arthritis,
 CC inflammatory bowel disease, colitis, asthma, atherosclerosis, cachexia,
 CC euthyroid sick syndrome, stroke, experimental allergic encephalomyelitis
 CC (EAE), autoimmune disorders, disorders related to hyper immune activity,
 CC disorders related to aberrant acute phase responses, hypercongenital
 CC conditions, birth defects, necrotic lesions, wounds, organ transplant
 CC rejection, disorders related to aberrant signal transduction,
 CC hyperproliferative disorders, diseases of the pancreas (e.g. diabetes
 CC mellitus), vitamin B12 malabsorption), neurological disorders (e.g.
 CC Huntington's chorea), Turner's syndrome, bacterial infections,
 CC cardiovascular disorders, infertility, psoriasis and haemolytic anaemia.
 CC The present sequence represents a PCR primer used in the examples of
 CC the present invention.

XX
 SO Sequence 22 BP; 4 A; 3 C; 7 G; 8 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 22;
 Best Local Similarity 89.5%; Pred. No. 1.9e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1552 ATGACATCAGCTCCCAAGG 1570
 DB 19 ATGACATCAGCTCCCAAGG 1

RESULT 64
 ABA00736/C
 ID ABA00736 standard; DNA; 22 BP.

XX
 AC ABA00736;
 AC

[illegible]

KM tumour necrosis factor α lpha; TNF α lpha;
KM macrophage inflammatory protein-1 α lpha; MIP-1 α lpha; fractalkane;
KM glial fibrillar associated protein; GFAP; MHC; CX3CR1; CD86;
KM major histocompatibility complex; Alzheimer's disease; cerebral ischaemia;
KM neurodegenerative disease.
XX
OS Mus sp.
PN MO20015165-A2.
XX
PD 11-OCT-2001.
XX
PF 30-MAR-2001; 2001WO-US10247.
XX
PR 30-MAR-2000; 2000US-193847P.
XX
PA (ELAN-) ELAN PHARM INC.
XX
PI McConlogue LC, Games KD, Yednock TA, Hua T, Messersmith E, Bard F;
DR WPI; 2001-639367/73.
XX
PT Selecting compounds useful for treating or preventing Alzheimer's
PT disease, from their ability to reduce levels of specific disease
PT markers in animal models -
XX
PS Example 1; Page 17; 36pp; English.
XX
CC The invention relates selecting compounds that reduce symptoms of
CC Alzheimer's disease using a non-human mammal that has been subjected to
CC cerebral ischaemia or lesion of a nerve so as to produce, in the
CC affected region, increased levels of specific markers of Alzheimer's
CC disease-associated inflammation. Test compounds are selected if they
CC reduce levels of these markers significantly, in the affected region,
CC relative to controls. The markers are interleukin-1beta (IL-1b), tumour
CC necrosis factor α lpha (TNF α lpha), macrophage inflammatory protein-1 α lpha
CC (MIP-1 α lpha), glial fibrillar associated protein (GFAP), MHC (major
CC histocompatibility complex) Itappa or IL-1, CD86, fractalkane or CX3CR1
CC (a receptor for fractalkane). The method is used to identify compounds
CC useful in treatment or prevention of Alzheimer's disease or other
CC neurodegenerative diseases that have an inflammatory component. The
CC method provides fast, accurate and quantitative drug screens.
CC The present sequence is a probe used in a quantitative PCR
CC experiment to determine the level of a transcript for a marker of the
CC invention.
XX
SQ Sequence 22 BP; 2 A; 9 C; 6 G; 5 T; 0 other;

Query Match 1.1%; Score 15.6; DB 1; Length 22;
Beet Local Similarity 81.8%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 4;

OY 1564 CCAGGGGCTGTGTCGCAG 1585
DB 1 CCGAATGCCGTGTGCTGTGG 22

RESULT 66
ABS58871/C
ID ABS58871 standard; DNA; 22 BP.
XX
AC ABS58871;
XX
DT 05-NOV-2002 (first entry)
DE Human G-protein coupled receptor, forward primer #9.
XX
XX Human; G-protein coupled receptor; GPCR; cardiomyopathy; atherosclerosis;
KM diabetes; cell signal processing; metabolic pathway modulation; cancer;
KM adenocarcinoma; lymphoma; prostate cancer; uterine cancer; asthma;
KM immune response; neurodegenerative disorder; inflammatory disorder;
KM Crohn's disease; multiple sclerosis; Albright hereditary osteodystrophy;
KM primer; PCR; ss.

OS Homo sapiens.
 XX
 XX WO200259313-A2.
 XX
 PD 01-AUG-2002.
 XX
 PD 18-DEC-2001; 2001WO-US49394.
 XX
 PR 18-DEC-2000; 2000US-256635P.
 PR 21-DEC-2000; 2000US-25876P.
 PR 04-JAN-2001; 2001US-259743P.
 PR 10-JAN-2001; 2001US-260718P.
 PR 12-JAN-2001; 2001US-261498P.
 PR 24-JAN-2001; 2001US-263689P.
 PR 08-FEB-2001; 2001US-267464P.
 PR 22-FEB-2001; 2001US-271021P.
 PR 14-MAR-2001; 2001US-275946P.
 PR 23-MAR-2001; 2001US-278150P.
 PR 19-JUN-2001; 2001US-299327P.
 PR 16-AUG-2001; 2001US-312902P.
 XX
 PA (CURA-) CURAGEN CORP.
 XX
 PI Li L, Ballinger RA, Padigaru M, Kekuda R, Colman SD, Spytek KA,
 PI Casman SJ, Vernet CM, Shenoy SG, Gusev V, Malyankar UM;
 PI Ballinger S, Gerlach V, Smithson G, Stone DJ, Sciore P,
 PI MacDougall JR, Gunther E, Peyman JA, Ellerman K, Gangolli EA;
 PI Miller I;
 XX MPI; 2002-599789/64.
 XX
 PT New G protein coupled receptor polypeptides and polynucleotides, useful
 PT in gene therapy, particularly for treating or preventing
 PT cardiovascular, atherosclerosis, diabetes, multiple sclerosis, Crohn's
 PT disease or cancer in humans -
 XX
 PS Claim 1; Page 226; 6855p; English.
 XX
 CC The invention relates to novel isolated G-protein coupled receptor
 CC (GPCR) polypeptides and polynucleotides. The GPCR polypeptide, GPCR
 CC nucleic acid and antibody are useful for treating, preventing or
 CC alleviating a GPCR-associated disorder or a pathological state in a
 CC subject, particularly a human. In particular, the disorder is
 CC cardiomyopathy, atherosclerosis, diabetes, or a disorder related to cell
 CC signal processing and metabolic pathway modulation. The GPCR polypeptide
 CC and nucleic acid are also useful for diagnosing the presence of or
 CC predisposition to a disease associated with altered levels of GPCR,
 CC particularly cancer. The GPCR nucleic acid and polypeptide are especially
 CC useful in therapeutic or prophylactic applications for disorders
 CC associated with aberrant GPCR expression or activity. The DNA encoding
 CC the protein is useful in gene therapy for treating the above conditions.
 CC Furthermore, the nucleic acids and polypeptides are useful in treating
 CC adenocarcinoma, lymphoma, prostate cancer, uterine cancer, immune
 CC response, neurodegenerative disorders, asthma, inflammatory disorders,
 CC Crohn's disease, multiple sclerosis or Albritght hereditary
 CC osteodystrophy. These are also useful in developing a powerful assay
 CC system for functional analysis of various human disorders, as well as in
 CC diagnostic applications. ABS58747-ABS58747 represent human GPCR
 CC coding sequences, primers and probes of the invention.
 XX
 SX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;
 SX
 Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 747 GAACATCAGCAGATCCACTTC 768
 Db 22 GTACATCAGCAGATCTCTC 1

RESULT 67

ABS5874/c
 ID ABS5874 standard; DNA; 22 BP.
 XX
 XX ABS5874;
 XX
 AC
 XX
 DT 05-NOV-2002 (first entry)
 XX
 DE Human G-protein coupled receptor, forward primer #10.
 XX
 XX Human; G-protein coupled receptor; GPCR; cardiomyopathy; atherosclerosis;
 XX diabetes; cell signal processing; metabolic pathway modulation; cancer;
 XX adenocarcinoma; lymphoma; prostate cancer; uterine cancer; asthma;
 XX immune response; neurodegenerative disorder; inflammatory disorder;
 XX Crohn's disease; multiple sclerosis; Albritght hereditary osteodystrophy;
 XX primer; PCR; ss.
 XX
 OS Homo sapiens.
 XX
 XX WO200259313-A2.
 XX
 PD 01-AUG-2002.
 XX
 PD 18-DEC-2001; 2001WO-US49394.
 XX
 PR 18-DEC-2000; 2000US-256635P.
 PR 21-DEC-2000; 2000US-25876P.
 PR 04-JAN-2001; 2001US-259743P.
 PR 10-JAN-2001; 2001US-260718P.
 PR 12-JAN-2001; 2001US-261498P.
 PR 24-JAN-2001; 2001US-263689P.
 PR 08-FEB-2001; 2001US-267464P.
 PR 22-FEB-2001; 2001US-271021P.
 PR 14-MAR-2001; 2001US-275946P.
 PR 23-MAR-2001; 2001US-278150P.
 PR 19-JUN-2001; 2001US-299327P.
 PR 16-AUG-2001; 2001US-312902P.
 XX
 PA (CURA-) CURAGEN CORP.
 XX
 PI Li L, Ballinger RA, Padigaru M, Kekuda R, Colman SD, Spytek KA,
 PI Casman SJ, Vernet CM, Shenoy SG, Gusev V, Malyankar UM;
 PI Ballinger S, Gerlach V, Smithson G, Stone DJ, Sciore P,
 PI MacDougall JR, Gunther E, Peyman JA, Ellerman K, Gangolli EA;
 PI Miller I;
 XX MPI; 2002-599789/64.
 XX
 PT New G protein coupled receptor polypeptides and polynucleotides, useful
 PT in gene therapy, particularly for treating or preventing
 PT cardiovascular, atherosclerosis, diabetes, multiple sclerosis, Crohn's
 PT disease or cancer in humans -
 XX
 PS Claim 9; Page 226; 6855p; English.
 XX
 CC The invention relates to novel isolated G-protein coupled receptor
 CC (GPCR) polypeptides and polynucleotides. The GPCR polypeptide, GPCR
 CC nucleic acid and antibody are useful for treating, preventing or
 CC alleviating a GPCR-associated disorder or a pathological state in a
 CC subject, particularly a human. In particular, the disorder is
 CC cardiomyopathy, atherosclerosis, diabetes, or a disorder related to cell
 CC signal processing and metabolic pathway modulation. The GPCR polypeptide
 CC and nucleic acid are also useful for diagnosing the presence of or
 CC predisposition to a disease associated with altered levels of GPCR,
 CC particularly cancer. The GPCR nucleic acid and polypeptide are especially
 CC useful in therapeutic or prophylactic applications for disorders
 CC associated with aberrant GPCR expression or activity. The DNA encoding
 CC the protein is useful in gene therapy for treating the above conditions.
 CC Furthermore, the nucleic acids and polypeptides are useful in treating
 CC adenocarcinoma, lymphoma, prostate cancer, uterine cancer, immune
 CC response, neurodegenerative disorders, asthma, inflammatory disorders,
 CC Crohn's disease, multiple sclerosis or Albritght hereditary
 CC osteodystrophy. These are also useful in developing a powerful assay
 CC system for functional analysis of various human disorders, as well as in

CC diagnostic applications. ABS58747-ABS59231 represent human GPCR
 CC coding sequences, primers and probes of the invention.
 SQ Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

747 GAACATCAGCAGCATTCCTC 768
 22 GTACATCAGCAGCATTCCTC 1

RESULT 68
 ABR95536/C
 ID ABR95536 standard; DNA; 22 BP.

AC ABR95536;

DT 24-SEP-2002 (first entry)

DE Novel G-protein coupled receptor forward primer #18.

KW G protein coupled receptor; GPCR; olfactory receptor;
 KW cell signal processing disorder; metabolic pathway modulation;
 KW cardiomyopathy; atherosclerosis; diabetes; developmental disease;
 KW immune disease; taste disorder; scent detectability disorder; obesity;
 KW Burkitt's lymphoma; corticosteroid disease; infectious disease; pain;
 KW signal transduction pathway disorder; metabolic pathway disorder;
 KW retinal disease; metabolic disorder; cancer; Parkinson's disease;
 KW acute heart failure; urinary retention; osteoporosis; Crohn's disease;
 KW ulcer; allergy; neurological disorder; genetic disorder; transplantation;
 KW fertility; pancreatitis; hyperthyroidism; Endometriosis;
 KW forensic biology; transgenic animal; real time quantitative PCR; RTQ-PCR;
 KW primer; ss.

OS Synthetic.

PN WO200240539-A2.

PD 23-MAY-2002.

PF 16-OCT-2001; 2001WO-US32256.

PR 16-OCT-2000; 2000US-240704P.

PR 26-OCT-2000; 2000US-243497P.

PR 31-OCT-2000; 2000US-244542P.

PR 03-NOV-2000; 2000US-245484P.

PR 12-DEC-2000; 2000US-255017P.

PR 17-JAN-2001; 2001US-262159P.

PR 22-JAN-2001; 2001US-263216P.

PR 22-JAN-2001; 2001US-263340P.

PR 25-JAN-2001; 2001US-264118P.

PR 12-FEB-2001; 2001US-268225P.

PR 15-FEB-2001; 2001US-289031P.

PR 27-JUL-2001; 2001US-308203P.

PA (CURA-) CURAGEN CORP.

PI Kekuda R, Szytek KA, Casman SJ, Zerkhusen BD, Li L, Tchernov VT;
 PI Colman SD, Ballinger RA, Padigaru M, Wolenc AR, Shenoy SG;
 PI Edinger SR, Gerlach V, Gangoli EA, Macdougall JR, Smithson G;
 PI Peyman JA, Stone DJ, Gunther E, Ellerman K, Grose WM;
 PI Alsbrook JP, Lepley DM, Burgess CB;
 DR WPI; 2002-500205/53.

PT Novel G protein coupled receptor especially olfactory receptor
 PT polypeptides and nucleic acids for diagnosing and treating
 PT atherosclerosis, cardiomyopathy and diabetes -
 XX Example 2; Page 245; 309pp; English.

XX The invention describes an isolated G protein coupled receptor X
 CC (GPCR1-12) polypeptide, especially an olfactory receptor. GPCR
 CC polypeptides are useful for identifying an agent that binds to the
 CC polypeptide and for identifying a candidate substance or ligand molecules
 CC interacting with an olfactory receptor polypeptide. The polypeptide, (I)
 CC and (II) are also useful for treating diseases and disorders related to
 CC cell signal processing and metabolic pathway modulation e.g.
 CC cardiomyopathy, atherosclerosis and diabetes, and developmental diseases,
 CC immune diseases, taste and scent detectability disorders, Burkitt's
 CC lymphoma, corticosteroid disease, signal transduction pathway
 CC disorders, metabolic pathway disorders, pain, cancer, Parkinson's
 CC disease, acute heart failure, urinary retention, osteoporosis, Crohn's
 CC disease, ulcers, allergies, neurological disorders, genetic disorder,
 CC transplantation, fertility, pancreatitis, hyperthyroidism and
 CC Endometriosis. GPCR sequences are also useful for identifying a cell or
 CC tissue type in a biological sample, to amplify DNA sequences from very
 CC small biological samples such as tissues e.g. hair or skin or body fluids
 CC in forensic biology. Cells comprising (I) are useful for producing
 CC non-human transgenic animals for studying the function and/or activity of
 CC GPCR protein and for identifying and/or evaluating modulators of GPCR
 CC protein activity. This sequence represents a PCR primer used in the
 CC invention for real time quantitative (RTQ)-PCR for G-protein coupled
 CC receptor sequences in order to study gene expression.

SQ Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;
 Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

747 GAACATCAGCAGCATTCCTC 768
 22 GTACATCAGCAGCATTCCTC 1

RESULT 69
 AAX75274/C

ID AAX75274 standard; RNA; 17 BP.

AC AAX75274;

DT 28-JUL-1999 (first entry)

DE Mouse flt-1 VEGF receptor hammerhead ribozyme subarrate #802.

KW Vascular endothelial growth factor receptor; VEGF receptor; flt-1;
 KW flk-1; KDR; hammerhead ribozyme; hairpin ribozyme; cleavage;
 KW tumour angiogenesis; psoriasis; rheumatoid arthritis; ocular disease;
 KW fms-like tyrosine kinase 1; kinase insert domain containing receptor;
 KW foetal liver kinase 1; ss.

OS Mus sp.

PN WO9715662-A2.

PD 01-MAY-1997.

PF 25-OCT-1996; 96WO-US17480.

PR 11-JAN-1996; 96US-0584040.

PR 26-OCT-1995; 95US-0005974.

PA (CHTR) CHIRON CORP.

PI (RIBO-) RIBOZYME PHARM INC.

PI Becobedo J, McSwigen J, Pavco P, Stinchcomb D;
 DR WPI; 1997-259017/23.

PT Nucleic acid molecule modulating VEGF receptor(s) gene expression or
 PT mRNA stability - useful for treating e.g. tumour angiogenesis,

XX Example 2; Page 245; 309pp; English.

PT psoriasis, rheumatoid arthritis, etc., in a human patient
 XX
 PS Claim 4; Page 179; 218pp; English.
 XX
 CC The present invention describes nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of a mRNA encoding 1 or more
 CC receptors of vascular endothelial growth factor (VEGF). A patient
 CC (preferably human) having a condition associated with the level of the
 CC fms-like tyrosine kinase 1 (flt-1), kinase insert domain containing
 CC receptor (KDR) and/or foetal liver kinase 1 (flk-1) (e.g. tumour
 CC angiogenesis, ocular diseases, psoriasis and rheumatoid arthritis) can
 CC be treated by administering the nucleic acid molecule or the expression
 CC vector to the patient. AAX75275 to AAX75752 represent specific examples
 CC of nucleic acid molecules from the present invention.
 XX
 SQ Sequence 17 BP; 4 A; 6 C; 4 G; 3 U; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 872 CTGAGTCCTCGCTGAG 888
 17 CTGAGTCCTAGCTGAG 1
 RESULT 70
 AAC70426/c
 ID AAC70426 standard; DNA; 17 BP.
 XX
 AC AAC70426;
 XX
 DT 09-FEB-2001 (first entry)
 XX
 DE Single nucleotide polymorphism PCR primer #171.
 XX
 KM Single nucleotide polymorphism; SNP; human; genetic disease;
 KM disease susceptibility; cardiovascular system; endocrine system;
 KM neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200058519-A2.
 XX
 PD 05-OCT-2000.
 XX
 PF 30-MAR-2000; 2000MO-US08440.
 XX
 PR 31-MAR-1999; 99US-0127248.
 XX
 PA (MHED) WHITEHEAD INST BIOMEDICAL RES.
 PA (AFPR-) AFFYMETRIX INC.
 XX
 PI Alshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX
 DR WPI; 2000-611722/58.
 XX
 PT Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX
 PS Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's

CC diseases.
 XX
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 1525 GCCATTGAGGCCATTTC 1541
 17 GCCATTGAGGCCATTTC 1
 RESULT 71
 AAC70441/c
 ID AAC70441 standard; DNA; 17 BP.
 XX
 AC AAC70441;
 XX
 DT 09-FEB-2001 (first entry)
 XX
 DE Single nucleotide polymorphism PCR primer #161.
 XX
 KM Single nucleotide polymorphism; SNP; human; genetic disease;
 KM disease susceptibility; cardiovascular system; endocrine system;
 KM neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200058519-A2.
 XX
 PD 05-OCT-2000.
 XX
 PF 30-MAR-2000; 2000MO-US08440.
 XX
 PR 31-MAR-1999; 99US-0127248.
 XX
 PA (MHED) WHITEHEAD INST BIOMEDICAL RES.
 PA (AFPR-) AFFYMETRIX INC.
 XX
 PI Alshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX
 DR WPI; 2000-611722/58.
 XX
 PT Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX
 PS Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases.
 XX
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 1525 GCCATTGAGGCCATTTC 1541
 17 GCCATTGAGGCCATTTC 1

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RESULT 72
AAC70498/c
XX AAC70498 standard; DNA; 17 BP.
XX
XX AAC70498;
AC
XX
XX 09-FEB-2001 (first entry)
XX
XX Single nucleotide polymorphism PCR primer #219.
DB
XX Single nucleotide polymorphism; SNP; human; genetic disease;
KM disease susceptibility; cardiovascular system; endocrine system;
KW neurological system; forensic testing; paternity testing; PCR primer; ss.
XX
XX Homo sapiens.
OS
XX MO200058519-A2.
PN
XX 05-OCT-2000.
PD
XX 30-MAR-2000; 2000MO-US08440.
PF
XX 31-MAR-1999; 99US-0127248.
PR
XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
PA (AFfy-) AFFYMETRIX INC.
XX
XX Altschuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
PI Lishnitz RJ, Patil N, Sklar P;
XX WPI; 2000-611722/58.
DR
XX Nucleic acid selected from one of 106 genes comprising single
PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
PT are useful for phenotypic correlations, forensics, paternity testing,
PT medicine and genetic analysis -
XX
XX Claim 8; Fig 5; 214pp; English.
XX
XX The present invention is concerned with a number of human single
CC nucleotide polymorphisms (SNPs) which the inventors identified in human
CC gene. These SNPs can be used in disease diagnosis and prediction of an
CC individual's susceptibility to disease, in forensic and paternity testing
CC and in genetic mapping. In particular, the SNPs of the invention can be
CC used to diagnose susceptibility to diseases of the cardiovascular,
CC endocrine and neurological systems, such as coronary artery disease,
CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
CC diseases.
CC
XX Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
SQ
Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1525 GCCATTGAGGCTATTC 1541
DB 17 GCCATTGAGGCTATTC 1

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XX
XX Homo sapiens.
OS
XX MO200058519-A2.
PN
XX 05-OCT-2000.
PD
XX 30-MAR-2000; 2000MO-US08440.
PF
XX 31-MAR-1999; 99US-0127248.
PR
XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
PA (AFfy-) AFFYMETRIX INC.
XX
XX Altschuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
PI Lishnitz RJ, Patil N, Sklar P;
XX WPI; 2000-611722/58.
DR
XX Nucleic acid selected from one of 106 genes comprising single
PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
PT are useful for phenotypic correlations, forensics, paternity testing,
PT medicine and genetic analysis -
XX
XX Claim 8; Fig 5; 214pp; English.
XX
XX The present invention is concerned with a number of human single
CC nucleotide polymorphisms (SNPs) which the inventors identified in human
CC gene. These SNPs can be used in disease diagnosis and prediction of an
CC individual's susceptibility to disease, in forensic and paternity testing
CC and in genetic mapping. In particular, the SNPs of the invention can be
CC used to diagnose susceptibility to diseases of the cardiovascular,
CC endocrine and neurological systems, such as coronary artery disease,
CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
CC diseases.
CC
XX Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
SQ
Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1525 GCCATTGAGGCTATTC 1541
DB 17 GCCATTGAGGCTATTC 1

```

XX Altmuler D, Gargill M, Daley GQ, Ireland JS, Lander BS;
 PI Liphemutz RJ, Patil N, Sklar P;
 XX WPI; 2000-611722/58.
 DR
 XX Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease. In forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases.
 CC
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 XX
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1525 GCCATTGAGGCTATTC 1541
 DB 17 GCCATTGAGGCTATTC 1
 XX
 RESULT 75
 ABV79223
 ID ABV79223 standard; DNA; 17 BP.
 XX
 AC ABV79223;
 XX
 DT 03-JAN-2003 (first entry)
 XX
 DE Human HTPL scanning oligonucleotide SEQ ID 469.
 XX
 KW Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;
 KW human testis expressed Patched like protein; testis; adrenal; liver;
 KW male germ cell development; bone marrow; brain; kidney; lung; placenta;
 KW prostate; skeletal muscle; colon; male infertility; cancer; ss.
 XX
 OS Homo sapiens.
 XX
 PN EP1229046-A2.
 XX
 PD 07-AUG-2002.
 XX
 PF 28-JAN-2002; 2002EP-0001167.
 XX
 PR 30-JAN-2001; 2001WO-US00663.
 PR 30-JAN-2001; 2001WO-US00664.
 PR 30-JAN-2001; 2001WO-US00665.
 PR 30-JAN-2001; 2001WO-US00667.
 PR 30-JAN-2001; 2001WO-US00668.
 PR 30-JAN-2001; 2001WO-US00669.
 PR 23-MAY-2001; 2001US-0864761.
 PR 09-OCT-2001; 2001US-0327898.
 XX
 PA (ABOM-) ABOMICA INC.
 XX
 PI Zhan J;
 XX
 DR WPI; 2002-676582/73.
 XX
 PT Novel isolated human testis expressed Patched like protein (HTPL),

PT useful for identifying agonist and antagonist and specific binding
 PT partners, and for treating subjects having defects in HTPL -
 XX
 PS Example 2; Page 125; 718pp; English.
 XX
 CC The present invention relates to human testis expressed Patched like
 CC protein (HTPL, see ABV78759 to ABV78762 and AB998519 to AB998520). HTPL
 CC has two isoforms, with a few single base pair differences between the
 CC two. One of the single base pair changes introduces a premature stop
 CC codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL
 CC shares an overall structure organization with the Patched protein. The
 CC shared structural features strongly imply that HTPL plays a role similar
 CC to that of Patched, and is a potential tumour suppressor. HTPL is
 CC important in regulating male germ cell development, and the HTPL gene was
 CC mapped to human chromosome 10p12.1. HTPL and its coding sequence are
 CC useful for diagnosing a disorder caused by mutation in HTPL, and in
 CC therapy and manufacture of a medicament for treatment or prevention of
 CC such disorder associated with decreased expression or activity of human
 CC HTPL. Such disorders include disorders of testis, or adrenal, adult and
 CC foetal liver, bone marrow, brain, kidney, lung, placenta, prostate,
 CC skeletal muscle or colon function. HTPL proteins and nucleic acids are
 CC clinically useful diagnostic markers and potential therapeutic agents for
 CC male infertility and cancer. The present oligonucleotide was used in an
 CC example from the invention.
 XX
 SQ Sequence 17 BP; 2 A; 8 C; 3 G; 4 T; 0 other;
 XX

Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 414 GTACCGCACCCTTCAGT 430
 DB 1 GTCCCGCACCTTCAGT 17
 XX

RESULT 76
 AAF74480
 ID AAF74480 standard; DNA; 18 BP.
 XX
 AC AAF74480;
 XX
 DT 09-MAY-2001 (first entry)
 XX
 DE Clone 21399247.0.1 PRO5 sequencing primer SEQ ID NO:66.
 XX
 KW Human; PRO; cytosolic; immunomodulatory; reproduction;
 KW gene therapy; cell proliferation; differentiation disorder; cancer;
 KW immune associated disorder; gestational disease; pre-clampsia;
 KW PCR primer; sequencing primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200110902-A2.
 XX
 PD 15-FEB-2001.
 XX
 PF 11-AUG-2000; 2000WO-US21857.
 XX
 PR 11-AUG-1999; 99US-0148433.
 PR 10-AUG-2000; 2000US-0148433.
 XX
 PA (CURA-) CURAGEN CORP.
 XX
 PI Shinkets RA, Fernandes B;
 XX
 DR WPI; 2001-147509/15.
 XX
 PT Nucleic acids encoding secreted polypeptides, designated PROX
 PT polypeptides, useful for treating a syndrome associated with a
 PT PROX-associated disorder, e.g. cancer -
 XX
 PS Example 9; Page 125; 166pp; English.

XX The present invention describes isolated nucleic acids encoding secreted
 CC polypeptides, designated PROX polypeptides (i.e. a PRO polypeptide where
 CC X is an integer from 1 to 17). PROX polypeptides have cytostatic,
 CC immunomodulatory and reproduction activities, and can be used in gene
 CC therapy, and as PROX antagonists and PROX agonists. PROX polypeptides,
 CC nucleic acids and antibodies are useful in the manufacture of a
 CC medicament for treating a syndrome associated with a PROX-associated
 CC disorder, e.g. a cell proliferation and/or differentiation disorder
 CC (e.g. cancer or immune associated disorder) and a gestational disorder
 CC (e.g. pre-clampsia). They are also used for screening for a modulator of
 CC activity or of latency or predisposition to a PROX-associated disorder.
 CC AAF74432 to AAF74448 encode the specifically claimed human PROX
 CC polypeptides PRO1 to PRO17 given in AAB70531 to AAB70547. The present
 CC sequence represents a primer used in an example from the present
 CC invention.

XX Sequence 18 BP; 4 A; 5 C; 7 G; 2 T; 0 other;

Query Match 1.1%; Score 15.4; DB 1; Length 18;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGAGCAA 794
 DB 2 TGGACCGGCTGAGCAA 18

RESULT 77
 AAF74483/C
 ID AAF74483 standard; DNA; 18 BP.

AC AAF74483;
 XX
 DT 09-MAY-2001 (first entry)

XX Clone 21399247.0.1 PRO5 sequencing primer SEQ ID NO:69.

XX Human; PRO; PROX; cytostatic; immunomodulatory; reproduction;
 KW gene therapy; cell proliferation; differentiation disorder; cancer;
 KM immune associated disorder; gestational disease; pre-clampsia;
 XX PCR primer; sequencing primer; 58.

XX Homo sapiens.

XX WO200110902-A2.

XX 15-FEB-2001.

XX 11-AUG-2000; 2000WO-US21857.

XX 11-AUG-1999; 99US-0148433.

XX 10-AUG-2000; 2000US-0148433.

XX (CURA-) CURAGEN CORP.

XX Shimkets RA, Fernandes E;

XX WPI; 2001-147509/15.

PT Nucleic acids encoding secreted polypeptides, designated PROX
 PT polypeptides, useful for treating a syndrome associated with a
 PT PROX-associated disorder, e.g. cancer -

XX Example 9; Page 126; 166pp; English.

XX The present invention describes isolated nucleic acids encoding secreted
 CC polypeptides, designated PROX polypeptides (i.e. a PRO polypeptide where
 CC X is an integer from 1 to 17). PROX polypeptides have cytostatic,
 CC immunomodulatory and reproduction activities, and can be used in gene
 CC therapy, and as PROX antagonists and PROX agonists. PROX polypeptides,
 CC nucleic acids and antibodies are useful in the manufacture of a
 CC medicament for treating a syndrome associated with a PROX-associated

CC disorder, e.g. a cell proliferation and/or differentiation disorder
 CC (e.g. cancer or immune associated disorder) and a gestational disease
 CC (e.g. pre-clampsia). They are also used for screening for a modulator of
 CC activity or of latency or predisposition to a PROX-associated disorder.
 CC AAF74432 to AAF74448 encode the specifically claimed human PROX
 CC polypeptides PRO1 to PRO17 given in AAB70531 to AAB70547. The present
 CC sequence represents a primer used in an example from the present
 CC invention.

XX Sequence 18 BP; 2 A; 7 C; 5 G; 4 T; 0 other;

Query Match 1.1%; Score 15.4; DB 1; Length 18;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGAGCAA 794
 DB 17 TGGACCGGCTGAGCAA 1

RESULT 78
 ABL4555/C
 ID ABL4555 standard; DNA; 19 BP.

XX ABL4555;

XX 11-APR-2002 (first entry)

XX Human chromosome 1p36-35 PCR primer SEQ ID NO:1599.

XX Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis;
 KM genome; PCR primer; 58.

XX Homo sapiens.

XX JF2001321190-A.

XX 20-NOV-2001.

XX 12-MAR-2001; 2001JP-0068285.

XX 10-MAR-2000; 2000JP-0066716.

XX (RIKA) RIKAKAKU KENKUSHO.

XX (GENO-) GENOTEX YG.

XX WPI; 2002-144136/19.

XX Arraying genome clones -

XX Claim 4; Page 36; 528pp; Japanese.

XX The present invention describes a method of arraying genome clones. The
 CC method comprises: (a) clones of the genomic libraries contained in
 CC multiwell plates numbered for discrimination are mixed in each of the
 CC multiwell plates; (b) a primer designed based on the chromosome marker
 CC sequence is added to the mixture to carry out an amplification reaction;
 CC (c) a signal corresponding to the marker is detected from the resultant
 CC amplified product to specify the discrimination Nos. of the multiwell
 CC plates containing the clones having said marker sequence; (d) the order
 CC of the markers is changed so that the same discrimination Nos. succeed to
 CC the maximum in the specified discrimination Nos. to array the multiwell
 CC plates; (e) the clones in the multiwell plates of the specified
 CC discrimination Nos. are mixed respectively in each wells of longitudinal
 CC and lateral directions; (f) the mixed clones are cultured and the
 CC resultant cultures are amplified by using the above primer; (g) signals
 CC are detected from the amplified products; (h) the clones in the multiwell
 CC plates are specified from the detected result; and (i) the clones are
 CC reconstituted as the positions on the chromosome and arrayed. The
 CC microarray is useful for gene analysis. ABL42957 to ABL45322 represent
 CC PCR primers for human chromosome 1p36-35 DNA, and ABL45323 to ABL45634
 CC represent PCR primers for human chromosome 21q22.1, which are
 CC specifically claimed for use in the present invention.

PN CN1358732-A.
 XX
 PD 17-JUL-2002.
 XX
 PF 11-DEC-2000; 2000CN-0134534.
 XX
 PR 11-DEC-2000; 2000CN-0134534.
 XX
 PA (RADI-) INST RADIO MEDICINE MILITARY MEDICAL ACAD.
 XX
 PI Wang S, Lin L, Guan W;
 DR WPI, 2002-733523/80.
 PT Antisense oligonucleotide structure and use using serine/threonine
 XX kinase AIM-1 gene as target -
 PS Claim 1; Page 1 (Claims); 9pp; Chinese.
 XX
 CC AB221763 to AB221774 represent antisense oligonucleotides for the
 CC serine/threonine kinase AIM-1 gene. Also described is a human liver
 CC cancer (HepG2) cell strain and a Balb/c (nu/nu) nude mouse inoculative
 CC liver cancer cell which can be used as models for screening and
 CC evaluation of the 12 antisense oligonucleotides. In vitro studies show
 CC that the antisense oligonucleotides can effectively inhibit the growth
 CC of human liver cancer, and have a dose-dependent relationship, and in
 CC the nude mouse they can also effectively inhibit the growth of cancer,
 CC so they can be used for treating and reducing tumours and its related
 CC diseases.
 XX
 SQ Sequence 20 BP; 7 A; 4 C; 6 G; 3 T; 0 other;
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1435 CTGCTGCTCCCTGTCAT 1451
 DB 20 CTGATGTCCTCCCTGTCAT 4
 XX
 RESULT 82
 AAL38201/c
 ID AAL38201 standard; DNA; 20 BP.
 XX
 AC AAL38201;
 XX
 DT 15-AUG-2002 (first entry)
 XX
 DE Human BH3 interacting domain death mRNA agonist inhibitor SEQ ID 44.
 XX
 KM Hepatocytic; immunomodulatory; cytosolic; antiinflammatory; hepatitis;
 KM haemostatic; BH3 interacting domain death agonist; liver disease;
 KM haematopoietic disorder; developmental disorder; immunological disorder;
 KM hyperproliferative disorder; apoptosis; human; chimeric; 2'-methoxyethyl;
 KM 2'-MOB; phosphorothioate backbone; ds.
 XX
 OS Chimeric - Homo sapiens.
 XX
 PN MO200220547-A1.
 XX
 PD 14-MAR-2002.
 XX
 PP 31-AUG-2001; 2001MO-US27316.
 XX
 PR 07-SEP-2000; 2000US-0657346.
 PR 07-MAR-2001; 2001US-0800631.
 XX
 PA (ISIS-) ISIS PHARM INC.
 XX
 PI Zhang H, Wyatt JR;
 XX
 DR WPI, 2002-393838/42.

XX
 PT Novel antisense compound targeted to nucleic acid molecule encoding the
 PT BH3 interacting domain death agonist, useful for treating animals with
 PT diseases associated with BH3 interacting domain death agonist, e.g.
 PT hepatitis -
 XX
 PS Claim 3; Page 87; 171pp; English.
 XX
 CC The invention relates to a compound 8 to 50 nucleotides in length
 CC targeted to a nucleic acid molecule encoding a BH3 interacting domain
 CC death agonist, where the compound specifically hybridizes with and
 CC inhibits the expression of the BH3 interacting domain death agonist. The
 CC compound of the invention is useful for inhibiting the expression of the
 CC BH3 interacting domain death agonist in cells or tissues. The compound is
 CC also useful for treating an animal having a disease or condition
 CC associated with the BH3 interacting domain death agonist, e.g.
 CC haematopoietic disorder, hyperproliferative disorder, a developmental
 CC disorder, immunological disorder, or a disease or condition of the liver
 CC e.g., hepatitis, or a condition associated with apoptosis. The compound
 CC is useful for diagnostic, therapeutic, prophylaxis and as research
 CC reagents and kits. This polynucleotide sequence represents an antisense
 CC oligonucleotide inhibitor of the DNA from human BH3 interacting domain
 CC death agonist RNA of the invention.
 CC NOTE: This sequence is a chimeric oligonucleotide 20 nucleotides in
 CC length, which is flanked on both sides by five-nucleotide 'wings'. The
 CC wings are composed of 2'-methoxyethyl (2'-MOB) nucleotides. The
 CC internucleoside (backbone) linkages are phosphorothioate (P=S) throughout
 CC the oligonucleotide.
 XX
 SQ Sequence 20 BP; 4 A; 2 C; 10 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 423 CTTCCAGTTCAGCCCT 439
 DB 17 CTTCCAGATCCAGCCCT 1
 XX
 RESULT 83
 AAQ62049/c
 ID AAQ62049 standard; DNA; 21 BP.
 XX
 AC AAQ62049;
 XX
 DT 25-MAR-2003 (updated)
 DT 09-OCT-1994 (first entry)
 XX
 DE Hen egg white lysozyme gene Cys to Thr mutation at codon 94.
 XX
 KM Hen egg white; lysozyme; enzyme engineering; protein engineering
 KM fowl; plasmid pKp1500; ss.
 XX
 OS Synthetic.
 XX
 FH Key Location/Qualifiers
 FH FT misc_feature 10..12 /tag= a
 FT /note= "Cys to Thr mutation"
 XX
 PN MO9408018-A1.
 XX
 PD 14-APR-1994.
 XX
 PP 28-SEP-1993; 93WO-GB02026.
 XX
 PR 28-SEP-1992; 92GB-0020418.
 XX
 PA (UNIL) UNILEVER NV.
 PA (UNIL) UNILEVER PLC.
 XX
 PI Goodenough PW, Gould WW, Moseley BEE, Pickersgill RW;

QY 462 CGACTACATGTCATGCCCA 481
 |||||
 DB 20 CGACTCATCTTATGCCCA 1

RESULT 86
 AA204744
 ID AA204744 standard; DNA; 20 BP.
 XX
 AC AA204744;
 XX
 DT 07-OCT-1999 (first entry)
 XX
 DE PCR primer used to amplify an ORF of Chlamydia trachomatis.
 XX
 KM Vaccine; eye disease; conjunctivitis; genital disease; perinephritis;
 KM paratrachoma; inclusion conjunctivitis; epididymitis; cervicitis; salpingitis; PCR primer;
 KM nongonococcal urethritis; pneumonia; venereal lymphogranulomatosis; ss.
 KM Bartholinitis; pneumopathy; venereal lymphogranulomatosis; ss.
 XX
 OS Synthetic.
 OS Chlamydia trachomatis.
 XX
 PN WO928475-A2.
 XX
 PD 10-JUN-1999.
 XX
 PF 27-NOV-1998; 98WO-IB01939.
 XX
 PR 04-NOV-1998; 98US-0107077.
 PR 28-NOV-1997; 97FR-0015041.
 PR 17-DEC-1997; 97FR-0016034.
 XX
 PA (GEST) GENSET.
 XX
 PI Griflais R;
 XX
 DR WPI; 1999-371125/31.
 XX
 PT Genome sequence of Chlamydia trachomatis
 PS Disclosure; Page 1713; 1755pp; English.

PCR primers AA201426-206209 were used to amplify open reading frames (ORFs) of the genome of Chlamydia trachomatis (see AA201425). These ORFs encode polypeptides (see AAY36754-Y37949) which can be used as vaccines against Chlamydia trachomatis. Antisense and ribozyme sequences can also be used to control growth of the microorganism. Chlamydia trachomatis is responsible for a large number of diseases, e.g. eye diseases such as conventional trachoma, nongonococcal trachoma, paratrachoma, and inclusion conjunctivitis; genital diseases such as nongonococcal urethritis, epididymitis, cervicitis, salpingitis, CC perinephritis, bartholinitis; pneumopathy in breast feeding infants; CC and venereal lymphogranulomatosis. The polypeptides of the invention may be of use in treating these diseases.

Sequence 20 BP; 3 A; 6 C; 4 G; 7 T; 0 other;

Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1369 CTGCTGTGATGCCCAAGT 1388
 |||||
 DB 1 CTCCTGTTTATGCCCAAGT 20

RESULT 87
 AAX93359
 ID AAX93359 standard; DNA; 20 BP.
 XX
 AC AAX93359;
 XX

DT 13-SEP-1999 (first entry)
 XX
 DE PCR primer used to amplify an ORF of Chlamydia pneumoniae.
 XX
 KM Respiratory disease; pneumonia; bronchitis; heart disease; sarcoidosis;
 KM sinusitis; purulent otitis media; erythema nodosum; pharyngitis;
 KM vaccine; neutralising epitope; PCR primer; ss.
 XX
 OS Synthetic.
 OS Chlamydia pneumoniae.
 XX
 PN WO9927105-A2.
 XX
 PD 03-JUN-1999.
 XX
 PF 20-NOV-1998; 98WO-IB01890.
 XX
 PR 04-NOV-1998; 98US-0107078.
 PR 21-NOV-1997; 97FR-0014673.
 XX
 PA (GEST) GENSET.
 XX
 PI Griflais R;
 XX
 DR WPI; 1999-357842/30.
 XX
 PT Genome sequence of Chlamydia pneumoniae
 PS Page 1583; Disclosure; 1912pp; English.

AAX91991-X97517 represent PCR primers used to amplify open reading frames and other nucleic acid sequences from the genome of Chlamydia pneumoniae (see AAX91990). C. pneumoniae causes respiratory disease such as pneumonia and bronchitis and is thought to be a contributing factor in heart disease, sarcoidosis, sinusitis, purulent otitis media, erythema nodosum or pharyngitis. The polypeptides encoded by the open reading frames of the C. pneumoniae genome (see AAY34584-CC AAY35879) can be used in immunogenic compositions as vaccines. Vectors containing C. pneumoniae nucleotide sequences can also be used as immunogenic compositions, especially where the vector directs the expression of a neutralising epitope of C. pneumoniae.

Sequence 20 BP; 6 A; 8 C; 2 G; 4 T; 0 other;

Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCCATGACCTGAAGTCAT 542
 |||||
 DB 1 CCCATGACCTGAAGTCAT 20

RESULT 88
 AAC93264/C
 ID AAC93264 standard; DNA; 20 BP.
 XX
 AC AAC93264;
 XX
 DT 15-FEB-2001 (first entry)
 XX
 DE Human STAT3 phosphorothioate antisense oligonucleotide SEQ ID NO:115.
 XX
 KM Human, mouse; STAT3; phosphorothioate; antisense oligonucleotide;
 KM modulation; signal transducer and activator of transcription;
 KM DNA-binding protein; signal transduction; inhibition; apoptosis;
 KM inflammatory disease; cancer; antiinflammatory; antirheumatic;
 KM cytotoxic; immunostimulatory; rheumatoid arthritis; leukaemia;
 KM myeloma; melanoma; lymphoma; diagnosis; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200061602-A1.

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XX 19-OCT-2000.
XX
XX 06-APR-2000; 2000WO-US09054.
XX
XX 08-APR-1999; 99US-0288461.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Karrae JG;
XX
XX WPI; 2000-619223/59.
XX
XX New antisense compound for inhibiting the expression of signal
XX transducer and activator of transcription 3 (STAT3) in cells or tissues
XX and treating diseases or condition associated with STAT3, such as
XX rheumatoid arthritis and cancer -
XX
XX Example 12; Page 63; 104pp; English.
XX
XX The present invention describes an antisense compound (I), 8 to 30
XX nucleobases in length, that is targeted to a nucleic acid molecule
XX encoding STAT3 (Signal Transducer and Activator of Transcription) and
XX which inhibits the expression of it. (I) has antiinflammatory,
XX antirheumatic, cytostatic and immunostimulatory activities. (I) is used
XX for inhibiting the expression of STAT3 in cells or tissues, treating
XX an animal having a disease or condition associated with STAT3 or a
XX human having a disease or condition characterized by a reduction in
XX apoptosis, and inducing apoptosis in a cell. Diseases or conditions
XX that are treated are rheumatoid arthritis, cancer of the breast,
XX prostate, brain, head and/or neck, leukemia, myeloma, melanoma or
XX lymphoma. (I) can also be used for diagnostic methods in detecting and
XX determining the role of STAT3 in various cell functions, physiological
XX processes and conditions and for diagnosing the conditions associated
XX with expression of STAT3. (I) can be used alone or with other drugs as
XX an immunostimulant. (I) is used in sandwich and colourimetric assays,
XX involving enzyme conjugation and radiolabeling and is used in
XX diagnostic kits. AAC93150 encodes human STAT3 and AAC93151 encodes
XX STAT3 as given in the exemplification of the present invention. AAC93151
XX to AAC93130 and AAC93122 to AAC93299 represent STAT3 phosphorocholate
XX antisense oligonucleotides, and AAC93300 represents a mismatch control
XX oligonucleotide which are used in example from the present invention.
XX
XX Sequence 20 BP; 2 A; 8 C; 4 G; 6 T; 0 other;
XX
XX Query Match 1.1%; Score 15.2; DB 1; Length 20;
XX Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
XX Matches 17; Conservative 0; Mismatches 3;
XX
XX QY 315 GAAGCCGAGTGGCGGAGC 334
XX ||||| ||||| |||||
XX Db 20 GAAGCAGCAGATGCTGAGC 1
XX
XX RESULT 89
XX AAA63662/c
XX ID AAA63662 standard; DNA; 20 BP.
XX
XX AAA63662;
XX
XX 04-DEC-2000 (first entry)
XX
XX PCR primer used to construct a reference material system.
XX
XX Nucleic acid reference material; polymerase chain reaction; PCR;
XX nucleic acid amplification; PCR primer; ss.
XX
XX Escherichia coli.
XX
XX MO200046401-A1.
XX
XX 10-AUG-2000.
XX

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XX 02-FEB-2000; 2000WO-GB00305.
XX
XX 03-FEB-1999; 99GB-0002422.
XX
XX (IGCT-) LGC TEBDINGTON LTD.
XX
XX McDowell DG;
XX
XX WPI; 2000-514968/46.
XX
XX New nucleic acid reference material comprising two reference sequences
XX for use in the polymerase chain reaction and for verifying nucleic acid
XX amplification reactions by acting as a control -
XX
XX Example 3; Page 31; 54pp; English.
XX
XX The specification describes a nucleic acid reference material, which
XX comprises two reference sequences, each with a pair of primer binding
XX sites which are the same except for the substitution of one or a few
XX nucleotide bases. The reference material is used in the polymerase chain
XX reaction (PCR). The reference material is used as a control for
XX verifying nucleic acid amplification reactions. The reference material is
XX designed to be used in isolation in PCR systems or simultaneously within
XX PCR assays, to control for and allow the measurement of PCR specificity
XX and sensitivity. Amplification reactions that can be verified include
XX ligase chain reaction, gapped ligase chain reaction, strand displacement
XX amplification, nucleic acid sequence based amplification and
XX self-sustained sequence replication. The reference material is
XX particularly useful where detection of target sequences in medical or
XX environmental samples is desired. PCR primers AAA63662-63 were used
XX to amplify high molecular weight DNA from Escherichia coli strain
XX W3110, and the amplified fragment used to construct a reference material
XX system of the invention.
XX
XX Sequence 20 BP; 4 A; 7 C; 5 G; 4 T; 0 other;
XX
XX Query Match 1.1%; Score 15.2; DB 1; Length 20;
XX Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
XX Matches 17; Conservative 0; Mismatches 3;
XX
XX QY 571 GAAGTGCCTTCATGAACG 590
XX ||||| ||||| |||||
XX Db 20 GAATGTCCTTCGGAACG 1
XX
XX RESULT 90
XX AAA40834
XX ID AAA40834 standard; DNA; 20 BP.
XX
XX AAA40834;
XX
XX 16-AUG-2000 (first entry)
XX
XX Human TNFalpha antisense oligonucleotide ISIS# 21694.
XX
XX Antisense oligonucleotide; phosphorocholate; TNFalpha; cytokine; inhibit;
XX tumour necrosis factor alpha; inflammatory bowel disease; diabetes;
XX rheumatoid arthritis; infectious disease; multiple sclerosis; hepatitis;
XX pancreatitis; atopic dermatitis; allograft rejection;
XX autoimmune disease; inflammatory disease; ss.
XX
XX Synthetic.
XX
XX MO200020645-A1.
XX
XX 13-APR-2000.
XX
XX 05-OCT-1999; 99WO-US23205.
XX
XX 05-OCT-1998; 98US-0166186.
XX
XX 18-MAY-1999; 99US-0313932.
XX
XX (ISIS-) ISIS PHARM INC.
XX

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